

Independent Environmental Audit Report 7 (IA7) Deicorp Construction Pty Ltd

Tallawong Station Precinct South (SSD 10425) Rouse Hill NSW



Audit Date: 17 October 2024

Morasey Ref: MEDEI: 2023100-07

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Executive Summary

This report presents the findings of the 7th Independent Environmental Audit (IA7) conducted by Morasey Environment Pty Ltd commencing on Thursday 17th October 2024 for the Deicorp Tallawong Station Precinct South Project located in Rouse Hill NSW. The temporal period covered by the audit is between the date of the 6th Independent Audit (IA6) on 19th April 2024 to the date of the site inspection for this Independent Audit 7 (IA7), 17th October 2024. The environmental performance of the project was assessed at the time of the site inspection on 17th October 2024.

The details of the Development are as follows:

Application Number:	SSD 10425
Applicant:	Deicorp Construction Pty Ltd
Consent Authority:	Minister for Planning and Public Spaces
Site:	1-15 and 2-12 Conferta Avenue, Rouse Hill NSW
	Lots 293 and 294/DP 1213279
Date of Consent:	20 July 2021

Development: Construction of a staged mixed-use development (Tallawong Station Precinct South) comprising:

- 17 buildings of between two and eight storeys to a maximum height of 34.69 m (RL 91.600)
- maximum gross floor area (GFA) of 93,393 m²
- 987 dwellings
- retail, commercial and community uses of approximately 9,000 m² GFA
- 5% affordable housing (50 dwellings)
- basement for car parking and services
- land and stratum subdivision
- landscaping of the public and private domain
- publicly accessible park
- new public and private roads and pedestrian connection

The purpose of this audit was to undertake the necessary assessment and review of compliance with SSD 10425 Conditions of Approval, and the implementation and effectiveness of environmental management and mitigation measures in the Construction Environmental Management Plan (CEMP). Specifically, this audit was required to satisfy Condition A23 of SSD 10425 which requires Independent Audits of the development to be carried out in accordance with the Independent Audit Post Approval Requirements (IAPARs) prepared by the NSW Department of Planning, Housing and Infrastructure (DPHI), dated May 2020.

This Audit has been conducted in accordance with the IAPARs, and AS/NZS ISO 19011:2014 – Guidelines for Auditing Management Systems. The IAPARs require Independent Audits to be conducted every 26 weeks during Construction, until which time the project becomes operational.

The audit includes an assessment of compliance with Conditions of Approval (CoA) in Part A Administrative Conditions, and Part D During Construction, of SSD 10425. The audit also

includes an assessment of compliance with selected mitigation measures in the Project CEMP and Sub-Plans. Additional CoAs were verified for compliance during the audit, as requested by government agencies during consultation. A summary of non-compliances has been presented in the table below.

Summary of Non-Compliances - SSD 10425- IA7

СоА	Summary of Non-Compliance –Conditions of Approval	
D20	There was no evidence of vibration monitoring conducted during the IA7 audit period, during which rock hammering and other activities with the potential to exceed the Noise Management Level (NML) and Highly Affected NML (HANML) was undertaken during Site 2 basement excavation.	
Section	Summary of Non-Compliance –CEMP and Sub-Plans	
CNVMP	There was no evidence of vibration monitoring conducted during the IA7 audit period, during	
Section 5.6	which rock hammering and other activities with the potential to exceed the Noise Management	
Vibration	Level (NML) and Highly Affected NML (HANML) was undertaken during Site 2 basement	
monitoring	excavation.	

The audit also included a high-level assessment of adequacy of the project CEMP and Sub-Plans. The implementation of the CEMP was considered to be adequate. Three Observations were raised, presented in the table below.

СоА	Summary of Observation – IA7
A26	Observation 1 : It is noted that Deicorp's Action List (Proponent's Response) does not include timeframes for the close-out of actions, as requested by DPHI after the IA6 audit submission.
D8	Observation 2 : It is noted that Deicorp's Action List (Proponent's Response) does not include timeframes for the close-out of actions, as requested by DPHI after the IA6 audit submission.
D23	Observation 3 : A sediment fence was in place along the inside of the southern boundary fence but had come away in several locations and had not been well maintained since the last audit. Various miscellaneous materials were stored around the site boundary.
D23	Observation 3 : One stormwater inlet on Conferta Avenue was not adequately protected and risk of sediment entry was identified.

A comparison of predictions of environmental impact in environmental assessment documentation with actual project environmental impacts during construction was conducted. Overall, predicted impacts were found to align with the actual impacts relevant to the site during construction.

The outcome of the audit indicated a good effort by the Deicorp project team on achieving compliance with conditions from Parts A and D of SSD 10425, and mitigation measures in the CEMP and Sub-Plans. Overall, **one Non-Compliances with SSD 10425 was identified** (from a total of 78 conditions assessed). **One Non-Compliances with the CEMP and Sub-Plans was identified** (from a total of 20 mitigation measures assessed).

Four observations were raised during the audit and related to improvement opportunities for the management of erosion and sediment controls to improve water quality and reduce dust risk. Opportunities for improvement were identified in environmental incident awareness and reporting. Issues raised during the last Independent Audit in April 2024 had been closed-out and evidence sighted.

Two environmental incidents were identified during the site inspection, which had not been reported in a formal Incident Report. In one instance, concrete slurry had been deposited in the swale leading to stormwater discharge point on the corner of Schofields and Cudgegong Road. In the 2nd instance there was evidence of a concrete spill that had been cleaned up on either side of a stormwater drain on Conferta Avenue. Recommendations have been made in relation to implementation of the environmental reporting system, including the raising and awareness of environmental incidents.

The management of soil and groundwater contamination under a Remediation Action Plan (RAP) was complete for Site 1 and Site 2, with Site Audit Reports and Site Audit Statements issued by the appointed NSW EPA Site Auditor.

The implementation of controls for all other environmental aspects assessed during the audit were deemed to be adequate and associated environmental risks were relatively low.

The auditor would like to thank the auditees for their time during the audit.

Independent Environmental Audit Report 7

Deicorp Construction Pty Ltd

Tallawong Station Precinct South (SSD 10425) Rouse Hill NSW

Table of Contents

1.	. Introduction1			
	1.1	Proje	ect Description and Location	.1
	1.1.	1	SSD Approval	. 2
	1.2	Audi	t Objectives	.2
	1.3	Scop	e	.3
	1.3.	1	Audit Period	. 3
	1.3.	2	Auditor Approval and Declaration of Independence	. 3
	1.4	Regu	latory / Approval Requirements	.4
	1.5	Meth	nodology	.5
	1.5.	1	Agency Consultation	. 6
	1.5.	2	Audit Preparation and Document Review	. 6
2.	Lin	nitati	ons	. 8
3.	Au	dit Fi	ndings	. 9
	3.1	Com	pliance Status - SSD 10425 (including Proponent Response)	.9
	3.2	Revie	ew of Environmental Performance	11
	3.2.	1	Actual vs Predicted Impacts	11
	3.2.	2	Physical extent of the development	14
	3.2.	3	Incidents, Non-Compliances and Complaints	14
	3.2.	4	Findings and recommendations from previous audit	14
			5	
	3.2.	5	Overview of Environmental Performance	16
	3.2. 3.3			
4.	3.3	Adec	Overview of Environmental Performance	16
4. 5.	3.3 Au	Adec dit Co	Overview of Environmental Performance Juacy of the CEMP and Sub-Plans	16 17
5.	3.3 Au Ph	Adec dit Co otogr	Overview of Environmental Performance	16 17 18
5. At	3.3 Au Ph tachm	Adec dit Co otogr ent 1	Overview of Environmental Performance Juacy of the CEMP and Sub-Plans Donclusions	16 17 18 24
5. At At	3.3 Au Ph tachm tachm	Adec dit Co otogr ent 1 ent 2	Overview of Environmental Performance puacy of the CEMP and Sub-Plans onclusions	16 17 18 24 25

1. Introduction

This report presents the findings of the 7th Independent Environmental Audit (IA7) conducted by Morasey Environment Pty Ltd commencing on Thursday 17th October 2024 for the Deicorp Tallawong Station Precinct South Project located in Rouse Hill NSW. The project was approved as a State Significant Development (SSD 10425) on 20th July 2021.

1.1 Project Description and Location

The project site that is the subject of this audit is Site 1 and Site 2 of the Deicorp Construction Pty Ltd mixed-use development located between Themeda Avenue to the north, Schofields Road to the south, and Cudgegong Road to the east, Rouse Hill NSW.

The development is located in Tallawong Station Precinct South approximately 16km from the Parramatta CBD, and 1.7km from the commercial centre of Rouse Hill in the Blacktown City Council Local Government Area (LGA). The Site 1 development is situated directly to the south of the Sydney Metro Northwest Tallawong Railway Station on Themeda Ave, and 700m southeast of the Sydney Metro stabling facility. A 1,000 space Metro commuter car park is located immediately to the west of Site 1 and Site 2.

Figure 1 below depicts an aerial view of the site.



Figure 1: Tallawong Station Precinct South SSD 10425 Site Location, Source: Nearmap / DPIE Environmental Assessment

The project involves the construction of a staged mixed-use development (Tallawong Precinct South) comprising:

- 17 buildings of between two and eight storeys to a maximum height of 34.69m (RL 91.600)
- Maximum gross floor area (GFA) of 93,393m²
- 987 dwellings
- Retail, commercial and community uses of approximately 9,000m² GFA
- 5% affordable housing (50 dwellings)
- Basement for car parking and services
- Land and stratum subdivision
- Landscaping of the public and private domain
- Publicly accessible park, and
- New public and private roads and pedestrian connection.

As noted in the Department's Assessment, "the proposal will deliver new housing and a new local retail and commercial centre, supported by infrastructure, open space, and public transport consistent with the strategic planning objectives for the North West growth area". The proposed built form "will deliver a high-quality development that would make a positive contribution to the existing and emerging character of the surrounding area".

1.1.1 SSD Approval

Details of the Development are as follows:

Application Number:	SSD 10425
Applicant: Consent Authority:	Deicorp Construction Pty Ltd Minster for Planning and Public Spaces
Site:	1-15 and 2-12 Conferta Avenue, Rouse Hill NSW
	Lots 293 and 294/DP 1213279
Date of Consent:	20 July 2021

The proposal is State Significant Development (SSD) under Section 4.36 of the *Environmental Planning and Assessment Act 1979* (EP&A Act) as the development has a Capital Investment Value (CIV) in excess of \$30 million (\$332 million) and is for the purpose of commercial premises and residential accommodation associated with railway infrastructure under clause 19(2)(a) of State Environmental Planning Policy (State and Regional Development) 2011 (SRD SEPP).

1.2 Audit Objectives

The purpose of this audit was to undertake the necessary assessment and review of compliance with SSD 10425 Conditions of Approval, and the implementation and effectiveness of environmental management and mitigation measures in the Construction Environmental Management Plan (CEMP) and Sub-Plans.

1.3 Scope

The scope of the audit included:

- Assessment of compliance with the Project Conditions of Approval, Parts A & D of SSD 10425;
- An assessment of the environmental performance of the development, including:
 - Actual impacts compared to predicted impacts in the Environmental Assessment and Environmental Impact Statement (EA & EIS)
 - Incidents, non-compliances and complaints that occurred or were made during the audit period, and
 - The performance of the development having regard to agency policy and any particular environmental issues identified through consultation carried out when developing the scope of the audit.
- A high-level assessment of the adequacy of the project's CEMP and Sub-Plans, and
- Any other matters considered relevant by the auditor or the Department taking into account relevant regulatory requirements and legislation and knowledge of the development's past performance.

1.3.1 Audit Period

The audit period is between the date of IA6 on 19th April 2024 to the date of the site inspection for this Independent Audit 7 (IA7), 17th October 2024. The status of site documentation was confined in time to between these dates. The environmental performance of the project was assessed at the time of the site inspection on 17th October 2024.

1.3.2 Auditor Approval and Declaration of Independence

The audit was conducted by Josephine Heltborg (Exemplar Global Certified Principal Environmental Auditor, Certificate No. 111000) of Morasey Environment Pty Ltd, approved by the Department of Planning, Housing and Infrastructure (the Department | DPHI) in correspondence dated 2nd October 2024. The Department's Letter of Agreement to the Independent Auditor is included as **Attachment 2**.

The Auditor has no other involvement or role on the Project and is independent of the Proponent and Principal Contractor (Deicorp). The Auditor's Declaration of independence is included as **Attachment 3**.

1.4 Regulatory / Approval Requirements

The main regulatory instrument that applies to the site is the Development Consent, issued to Deicorp Construction Pty Ltd by the Minister for Planning and Public Spaces (SSD 10425), pursuant to Section 4.38 of the *Environmental Planning and Assessment Act 1979*, dated 20 July 2021, subject to a number of approval conditions. As required by Condition A23 of SSD 10425, Independent Audits of the development must be carried out:

"Independent Audits of the development must be conducted and carried out in accordance with the Independent Audit Post Approval Requirements (2020)."

The Department's Independent Audit Post Approval Requirements (2020) require the Initial Independent Audit to be conducted within 12 weeks of the commencement of construction, and ongoing Independent Audits to be conducted every 26 weeks until which time the project becomes operational. After this time, operational Independent Environmental Audits would be conducted every three years.

A Concept Plan (SSD 9063) was previously approved for the site on 21 February 2019. The Environmental Impact Statement (EIS) found the proposal is consistent with the State *Environmental Planning Policy (SEPP) (Sydney Regional Growth Centres) 2006* as well as the relevant key development standards and the specific objectives and design principles of the approved Concept Plan.

1.5 Methodology

The Audit was conducted in accordance with the Independent Audit Post Approval Requirements (IAPARs) prepared by the NSW DPHI, dated May 2020, and AS/NZS ISO 19011:2014 – Guidelines for Auditing Management Systems.

The audit included an inspection of the active works being conducted on Thursday 17th October 2024, and interviews with key Deicorp site and management personnel. The audit included the review of project documentation and records maintained both on site, and subsequent requests for information maintained off site. Photographs from the site inspection are included in **Section 5**.

The Audit Table is included in **Attachment 1** and was used to assess compliance with SSD 10425 as follows:

- **Part A:** Administrative Conditions (Conditions A1-A31)
- **Part D:** During Construction (Conditions D1-D44)

The compliance status of each requirement in the Audit Table was determined using the descriptors below:

- **Compliant:** The auditor has collected sufficient verifiable evidence to demonstrate that all elements of the requirement have been complied with within the scope of the audit.
- **Non- Compliant:** The auditor has determined that one or more specific elements of the conditions or requirements have not been complied with within the scope of the audit.
- Not Triggered: A requirement has an activation or timing trigger that has not been met at the time when the audit is undertaken, therefore an assessment of compliance is not relevant.

In addition to the compliance status descriptors, observations and notes are made, including identifying any opportunities for improvement in relation to any compliance requirement or any other aspect of the development.

The audit also included an assessment of compliance with management plans, and a comparison of predictions of environmental impact in environmental assessment documentation with actual project environmental impacts.

The following Auditees were present during the Audit:

- Joe Chidiac, Deicorp Site Manager
- Nick Reeves, Deicorp Site Manager
- Fadi Hankoo, Deicorp Contracts Administrator
- Grant Madsen, Deicorp Project Manager (Site 2)

1.5.1 Agency Consultation

Section 3.2 of the IAPARs requires the auditor to "consult with the Department, who may request that other parties or agencies are consulted, including the Community Consultative Committee chairperson (if one is required for the project), to obtain their input into the scope of the audit".

The NSW DPHI was consulted via email on 24th September 2024. DPHI responded on 1/10/2024 confirming they did not have any additional input into the audit scope beyond what is required under the Consent and the 2020 IAPAR. There was also no request further consultation with other agencies to be undertaken.

Evidence of consultation is included in Attachment 4.

1.5.2 Audit Preparation and Document Review

The primary documents reviewed as part of the audit scope are listed below:

- AECOM Air Quality Management Plan (AQMP), Tallawong Station South Precinct, Job No.: 60618532, Rev 2, 13/5/2022
- Acoustic Logic Construction Noise and Vibration Management Plan (CNVMP), Ref 20210646.1/1907A/R1/RF, Rev1, 19/7/2021
- Acoustic Logic Construction Noise and Vibration Management Plan (CNVMP), Tallawong Station Precinct – Site 2, Rev 0, 13/5/2022
- Barker Ryan Stewart Construction Environmental Management Plan (CEMP), Tallawong Station Precinct South – Site 2, Project No. SY190226, Final, 30/5/2022
- Deicorp SM-03 (Rev A) Site Management Plan (Construction Works) Site 2
- Barker Ryan Stewart Construction Pedestrian and Traffic Management Plan (CPTMP) Tallawong Station Precinct South Site 2, Rev13 Final 28/5/2022
- Sky Engineering Soil and Water Management Plan (SWMP) / Erosion and Sediment Control Plan (ESCP), Sheets 1, 2 & 3, 1-15 & 2-12 Conferta Ave, Rouse Hill, 20/5/2022
- Barker Ryan Stewart Construction Waste Management Plan (CWMP), Tallawong Station Precinct South Site 2, Rev2 Final, 26/5/2022
- City Plan Construction Certificate No. 210348/1, dated 31/8/2021 (CC1) Stage 1 Early Works
- City Plan Construction Certificate No. 210348/2, dated 22/12/2021 (CC2) Stage 1 (Site 1A & 1B) Basement
- City Plan Construction Certificate No. 210348/3, dated 20/7/2022 (CC3) Stage 2 Early Works (bulk excavation, shoring & piling) (Sites 2A, 2B, 2C, 2E & 2D)
- City Plan Construction Certificate No. 201348/4, dated 25/8/2022 (CC4) Stage 1 Structure
- City Plan Construction Certificate No. 201348/5, dated 14/10/2022 (CC5) Stage 1 Façade & Fitout
- Department of Planning Industry and Environment (DPIE) Stage 2 Detailed Development Application and Modification Application State Significant Development Assessment SSD 9063 MOD 1 & SSD 10425, July 2021
- Deicorp Community Communication Strategy, Tallawong Village Precinct, Rev2, dated 15/07/2021
- Development Consent, State Significant Development (SSD) 10425, Instrument of Approval, dated 20 July 2021
- El Australia Additional Groundwater Investigation, Ref E24445.E17_Rev0, 1/10/2020

- El Australia Dewatering Management Plan, Tallawong Site 1, Rev0, dated 26/3/021
- El Australia Dewatering Management Plan, Tallawong Station Precinct South, Rouse Hill NSW Site 2, Rev1, dated 5/8/2021
- El Australia Detailed Site Investigation, Ref: E24445.E02, Rev2, 1/5/2020
- El Australia Groundwater Monitoring Report No. 1, Proposed Residential Development, Site 1, Tallawong Station Precinct South, Rouse Hill NSW, E24445.G11.GW01, 19/10/2022
- El Australia Groundwater Take Assessment, SSD 10425, dated 30/9/2020
- El Australia Groundwater Take Assessment, Tallawong Station Precinct South, Rouse Hill NSW, E24445.G12_Rev1, dated 30/7/2021
- El Australia Remediation Action Plan, Tallawong Station Precinct South, Rouse Hills NSW, Ref: E24445.E06, Rev1, 16/4/2020
- Phreatic Consulting NSW EPA Site Audit Statement, Stage 1, 7/7/2022
- Phreatic Consulting NSW EPA Site Audit Statement TNC171-2, Phreatic Consulting, dated 18/12/2023
- Phreatic Consulting Contaminated Site Audit Report Tallawong Station South Precinct Stage 2 Lot 293 DP 1213279, 18/12/2023
- Sutherland & Associates Planning Environmental Impact Statement SSD 10425, May 2020

Other documents and records sighted during the audit are referenced in the Audit Table against each Condition in **Attachment 1**.

Additional audit preparation activities included:

- Preparation of an Audit Plan
- Development of Audit Checklists
 - SSD 10425 Conditions of Approval
 - \circ ~ Selected mitigation measures documented in the Project CEMP and Sub-Plans

2. Limitations

The audit has been prepared in accordance with the associated proposal and Morasey's Terms and Conditions. This report is for the sole purposes of the Client. Except as required by law, no third party may use or rely on this Report unless otherwise agreed by Morasey in writing.

The site inspection component of the audit was limited to observable aspects that could be noted during a 'walk through' inspection of the construction site. Sampling or monitoring was not included in the scope of this audit. Because of the inherent limitations of any internal control structure, it is possible that errors or irregularities may occur and not be detected. The matters raised in this report are only those which came to our attention during the course of performing our assessment and are not necessarily a comprehensive statement of all the weaknesses that may exist or improvements that might be made. Our work is performed on a sample basis; we cannot, in practice, examine every activity and procedure, nor can we be a substitute for management's responsibility to maintain adequate controls over all levels of construction/operation and their responsibility to prevent and detect irregularities.

Recommendations and suggestions for improvement should be assessed by management for their full commercial impact before they are implemented. We have generally used and relied upon information supplied as being regarded as authoritative and reliable, but no warranty of completeness, accuracy, or reliability is given. The document review conducted during this assessment was limited to those documents and information supplied as part of the audit. The audit scope did not include the independent verification of these sources unless otherwise noted within the report. The scope of this audit does not extend to the verification of items assessed by the Certifier prior to issuing of a certificate for any stage. Morasey will not accept any liability for inaccurate conclusions if the information provided was incomplete, inaccurate, withheld, misrepresented or otherwise not fully disclosed.

To the best of Morasey's knowledge, the facts and matters described in this report reasonably represent the Client's intentions at the time of which Morasey issued the report to the Client. However, the passage of time, the manifestation of latent conditions or the impact of future events (including a change in applicable law) may have resulted in a variation of the report and its possible impact. Morasey will not be liable to update or revise the report to take into account any events or emergent circumstances or facts occurring or becoming apparent after the date of issue of the report.

This Report does not purport to give legal advice; legal advice can only be given by qualified legal practitioners. To the extent permitted by law, Morasey expressly disclaims and excludes liability for any loss, damage, cost or expenses suffered by any third party relating to or resulting from the use of, or reliance on, any information contained in this report (including without limitation matters arising from any negligent act or omission of Morasey). Morasey does not admit that any action, liability or claim may exist or be available to any third party. The scope of this audit is as defined within the report and does not extend to the verification of items assessed by the Independent Certifier prior to issuing of a certificate for any stage.

3. Audit Findings

The following sections provide a summary of the findings of the audit. The Audit Table is provided in **Attachment 1** and includes details of the evidence collected, observed and provided in support of compliance with the audit criteria. Evidence collected during the site inspection and interviews with personnel on 19th April 2024 has also been included.

3.1 Compliance Status - SSD 10425 (including Proponent Response)

During the audit, **one Non-Compliances with SSD 10425 was identified** (from a total of 78 conditions assessed). **One Non-Compliances with the CEMP and Sub-Plans was identified** (from a total of 20 mitigation measures assessed). **Four Observations were raised.**

Non-Compliances are summarised in **Table 1**, including recommendations to address each Non-Compliance. Deicorp's response to each recommendation will be addressed separately and submitted to the Department.

CoA#	Summary of Non-Compliance	Recommended Action Due Date Status
D20	Non-Compliance : There was no evidence of vibration monitoring conducted during the IA7 audit period, during which rock hammering and other activities with the potential to exceed the Noise Management Level (NML) and Highly Affected NML (HANML) was undertaken during Site 2 basement excavation.	Recommended Action: Re-commence vibration monitoring during basement excavation as required by the CNVMP. Due Date: ASAP Status: OPEN

Table 1: Summary of Non-Compliances SSD 10425 – IA7

Non-Compliances with the CEMP and Sub-Plans are summarised in **Table 2**, including recommendations to address each Non-Compliance.

Table 2: Summary of Non-Compliances – CEMP & Sub-Plans – IA7

Plan Reference	Summary of Non-Compliance	Recommended Action Due Date Status
CNVMP Section 5.6 Vibration monitoring	Non-Compliance (as per D20) : There was no evidence of vibration monitoring conducted during the IA7 audit period, during which rock hammering and other activities with the potential to exceed the Noise Management Level (NML) and Highly Affected NML (HANML) was undertaken during Site 2 basement excavation.	Recommended Action (As per D20): Re- commence vibration monitoring during basement excavation as required by the CNVMP. Due Date: ASAP Status: OPEN

Observations are summarised in Table 3, including recommendations to address each observation.

CoA# / Plan Reference	Summary of Observation	Recommended Action Due Date Status
A26	<u>Observation 1</u> : It is noted that Deicorp's Action List (Proponent's Response) does not include timeframes for the close-out of actions, as requested by DPHI after the IA6 audit submission.	Recommended Action: Deicorp to include timeframes for completion of actions in the IA7 Proponent's Response, and ongoing. Due Date: Ongoing Status: OPEN
D8	<u>Observation 2</u> : Two environmental incidents were identified during the audit site inspection, which had not been reported in a formal Incident Report. In one instance, concrete slurry had been deposited in the swale leading to the stormwater discharge point on the corner of Schofields and Cudgegong Road. In the 2 nd instance there was evidence of a concrete spill that had been cleaned up on either side of a stormwater drain on Conferta Avenue.	Recommended Action: Deicorp should ensure they have processes in place for the effective reporting of environmental incidents. Awareness in identifying and raising environmental incidents is identified as an opportunity for improvement. Due Date: ASAP Status: OPEN
D23	Observation 3 : A sediment fence was in place along the inside of the southern boundary fence but had come away in several locations and had not been well maintained since the last audit. Various miscellaneous materials were stored around the site boundary.	Recommended Action: Repair sediment fencing and move materials away from the site boundary / improve housekeeping. Due Date: ASAP Status: OPEN
D23	Observation 4 : One stormwater inlet on Conferta Avenue was not adequately protected and risk of sediment entry was identified.	Recommended Action: Provide and maintain adequate controls around stormwater inlets to reduce the risk of sediment entry. Due Date: ASAP Status: OPEN

Table 3: Summary of Observations SSD 10425 - IA7

NB: Observations are not considered Non-Compliances but are opportunities for improvement.

3.2 Review of Environmental Performance

3.2.1 Actual vs Predicted Impacts

An assessment of actual impacts compared with predicted impacts documented in the Environmental Impact Statement (EIS), prepared by Sutherland & Associates Planning, dated May 2020 was conducted. Section 9.18 of the EIS sets out an Environmental Risk Assessment conducted for the proposed development derived from *AS4369.1999 Risk Management and Environmental Risk Tools*.

Overall, predicted impacts were found to align with the actual impacts relevant to the site during construction. A summary of the findings of the assessment, including residual impact ratings is provided in **Table 3** below.

EIS Predicted Impact	Assessment of Actual vs Predicted Impacts
	Potential Environmental Impact: Loss of vegetation within the site. Potential to impact on biodiversity of the site.
Biodiversity	Proposed Mitigation Measures and/or comment: Site is biodiversity certified. Vegetation to be removed during construction will be replaced with new planting as illustrated in the landscape plan which accompanies the application.
	Residual Impact: Low/Medium
	Actual Impacts (IA7 Assessment): The project must comply with the Tree Audit and Impact Assessment Report.
	Potential Environmental Impact: Potential water quality.
Stormwater	Proposed Mitigation Measures and/or comment: Implement stormwater drainage infrastructure as designed by AECOM in accordance with the Integrated Water Cycle Management Strategy – Tallawong Station Precinct South prepared by AECOM.
	Residual Impact: Low/Medium
	Actual Impacts (IA7 Assessment): Stormwater drainage infrastructure works and associated compliance is the responsibility of Deicorp and the Private Certifier.
	Potential Environmental Impact: Exposure of contamination or hazardous materials during construction.
	Proposed Mitigation Measures and/or comment: Implement Remediation Action Plan during construction.
Soil and contamination	Residual Impact: Low/Medium
	Actual Impacts (IA7 Assessment): The RAP, dated 16/4/2020 was provided as evidence during the audit, as well as an Additional Groundwater Investigation, dated 1/10/2020. An EPA Site Auditor had been engaged to verify implementation of the RAP, and to provide Interim Advice and Validation. At the time of IA7, a Site Audit Report

Table 3: Actual vs Predicted Impacts in the EIS (During Construction)

EIS Predicted Impact	Assessment of Actual vs Predicted Impacts
	(SAR) and Site Audit Statement (SAS) had been issued for Site 1 and Site 2. Works are proceeding under the unexpected finds protocol.
	Potential Environmental Impact: Waste of water, energy and other resources.
Resources, Water and Energy	Proposed Mitigation Measures and/or comment: Detention tanks, rainwater tanks and stormwater treatment measures. Waste management plan to be implemented to reduce waste and encourage recycling. Materials selection and energy saving devices. Multiple ESD measures.
	Residual Impact: Low
	Actual Impacts (IA7 Assessment): The project was found to be managing waste during construction in compliance with the mitigation measures in the CWMP.
	Potential Environmental Impact: Noise during construction.
	Proposed Mitigation Measures and/or comment: The acoustic assessment provides that adequate control of construction noise will be achieved through implementation of Construction Management Plan. Subject to finalisation of equipment specifications, appropriate sound minimisation measures will be incorporated within the development.
	Residual Impact: Low/Medium
Noise and vibration	Actual Impacts (IA7 Assessment): The project was found to be implementing noise and vibration mitigation measures during construction in compliance with the CNVMP, and relevant conditions of approval. Noise and vibration levels generated, and associated noise and vibration impacts at the time of IA5 were considered to be low, based on the type of activities being conducted, and the distance of the site from the nearest sensitive receivers.
	There had been no known noise or vibration complaints in relation to the site at the time of the audit.
	Potential Environmental Impact: Increased traffic and parking on local roads.
Transport and parking	Proposed Mitigation Measures and/or comment: Sufficient parking is provided within the development for the various uses to ensure that the proposal does not result in a detrimental impact on parking on surrounding streets. The proposal is supported by a detailed Traffic and Parking Assessment which has identified that surrounding intersection performance assessed on SIDRA analysis maintains an acceptable level of performance with good remaining capacity.
	Residual Impact: Low/Medium
	Actual Impacts (IA7 Assessment): The EIS states sufficient parking would be provided in the development, which is not accurate. There was no parking provision within the development footprints for Site 1 or Site 2,

EIS Predicted Impact	Assessment of Actual vs Predicted Impacts
	with the exception of heavy vehicles entering the site for construction purposes. Construction related vehicles were observed to be parked on the street, away from the vicinity of the site (due to booms installed at Sydney Metro parking facilities and paid parking). However, the audit did not identify any issues with transport and parking, or a detrimental impact on parking in the area. No complaints regarding parking are known to have been made in relation to the project.
	Potential Environmental Impact: Potential to encounter asbestos Remediation of contaminated soil. Risk of mishandling of hazardous materials and substances.
Hazardous materials	Proposed Mitigation Measures and/or comment: Should asbestos be encountered then it should be removed by a licensed contractor. Remediation of contaminated soil will be undertaken in accordance with the Remediation Action Plan prepared by EI Australia which accompanies this application.
Hazardous materiais	Residual Impact: Low/Medium
	Actual Impacts (IA7 Assessment): The RAP, dated 16/4/2020 was provided as evidence during the audit, as well as an Additional Groundwater Investigation, dated 1/10/2020. An EPA Site Auditor had been engaged to verify implementation of the RAP, and to provide Interim Advice and Validation. At the time of IA7, a Site Audit Report (SAR) and Site Audit Statement (SAS) had been issued for Site 1 and Site 2. Works are proceeding under the unexpected finds protocol.
	Potential Environmental Impact: Potential generation of off-site transmission of sediment, dust and fine particles affecting water quality.
Sediment and erosion control and	Proposed Mitigation Measures and/or comment: Implementation of a Construction Management Plan including its provisions relating to erosion and sediment control measures.
air quality	Residual Impact: Low
	Actual Impacts (IA7 Assessment): The audit found the construction activities were being conducted in compliance with the mitigation measures in the CEMP and CSWMP, as well as erosion and sediment control related conditions of approval in SSD 10425.

3.2.2 Physical extent of the development

The physical extent of the development in comparison with the approved boundary is assessed by a registered surveyor. Deicorp provided copies of survey plans as evidence during the audit to confirm that all works surveyed are correct to the design documentation and boundary. The Work Zone on Conferta Avenue had been extended by Council and was current at the time of the audit site inspection. No other works were observed outside the project boundary, or other works not known to have been assessed in the EIS.

3.2.3 Incidents, Non-Compliances and Complaints

a. Incidents

There were no environmental incidents triggering Department notification reported during the audit period.

b. Non-Compliances

Non-compliances identified during IA7 are summarised in Section 3.1, **Tables 1 & 2**, and Observations in **Table 3**.

There were no Proponent self-reported non-compliances identified during the reporting period.

There were no known notices, orders, penalty notices or prosecutions issued in relation to the consent during the audit period.

c. Complaints

A summary of complaints has been included in the Complaints Register, available on the project website (<u>tallawongvillagecommunityportal.com.au</u>). Deicorp advised that all complaints received during the reporting period were documented in the Complaints Register (which was none at the time of IA7).

3.2.4 Findings and recommendations from previous audit

Evidence of implementation of the recommendations from the previous audit, IA6 has been included in the table below.

CoA#	IA6 Summary of Non-Compliance	IA6 Recommendations / Proposed Action	Evidence of Implementation / Status
Nil	-	-	-
Summary of Observ	vations SSD 10425 – IA6		
D22	Observation 1: The street sweeper turned around at the western end of the project boundary (near the commuter car park). Tracking was evident on the road beyond this point, and up to the intersection with Tallawong Road.	Recommended Action: The street sweeper should attend the entire length of Conferta Ave to effectively clean tracked material from the	The street sweeper was observed to be in use during the IA7 site inspection and no excessive tracking was noted.

MORASEY SAFETY ENVIRONMENT PROPERTY RISK

CoA#	IA6 Summary of Non-Compliance	IA6 Recommendations / Proposed Action	Evidence of Implementation / Status
		road. Due Date: ASAP – To be verified during IA7, October 2024 Status : OPEN	CLOSED
D23	<u>Observation 2</u> : Controls at the discharge point and around the stormwater inlet outside the site hoarding required improvement to further filter discharged water prior to entry to stormwater.	Recommended Action: Repair ERSED controls around the treated water discharge point. Due Date: ASAP – To be verified during IA7, October 2024 Status: OPEN	Concrete slurry was observed to have been deposited in the swale leading to the stormwater discharge point. This has been raised as an Observation during IA7. OPEN
	<u>Observation 3</u> : Sediment fencing had come away at one location along the Schofields Road boundary fence (caused by water ingress to site) – to be mended.	Recommended Action: Repair compromised sediment fencing along the Schofields Road boundary. Due Date: ASAP – To be verified during IA7, October 2024 Status: OPEN	Sediment fencing did not appear to have been maintained or repaired since the previous audit. OPEN
CEMP, 9.4 Air and Dust Management	<u>Observation 4</u> : Excavated spoil was not sorted into designated stockpiles, but rather a number of small unformed stockpiles across the site.	Recommended Action: Consider forming a designated stockpile area to reduce the potential for dust generation and enable effective waste classification during spoil load- out. Due Date: ASAP – To be verified during IA7, October	Stockpiling was not identified as an issue during IA7. The majority of VENM and ENM had been removed from the site and no major stockpiles remained. CLOSED

CoA#	IA6 Summary of Non-Compliance	IA6 Recommendations / Proposed Action	Evidence of Implementation / Status
		2024 Status: OPEN	

3.2.5 Overview of Environmental Performance

The audit found that the project was overall operating in compliance with identified audit requirements, including the CEMP, Sub-Plans, and SSD conditions of approval.

One Non-Compliances with SSD 10425 was identified (from a total of 78 conditions assessed). One Non-Compliances with the CEMP and Sub-Plans was identified (from a total of 20 mitigation measures assessed). Four observations were raised during the audit and related to improvement opportunities for the management of erosion and sediment controls to improve water quality and reduce dust risk. Issues raised during the last Independent Audit in April 2024 had been closed-out and evidence sighted.

Two environmental incidents were identified during the audit site inspection, which had not been reported in a formal Incident Report. In one instance, concrete slurry had been deposited in the swale leading to the stormwater discharge point on the corner of Schofields and Cudgegong Road. In the 2nd instance there was evidence of a concrete spill that had been cleaned up on either side of a stormwater drain on Conferta Avenue. Recommendations have been made in relation to implementation of the environmental reporting system, including the raising and awareness of environmental incidents.

The management of soil and groundwater contamination under a Remediation Action Plan (RAP) was complete for Site 1 and Site 2, with Site Audit Reports and Site Audit Statements issued by the appointed NSW EPA Site Auditor.

The implementation of controls for all other environmental aspects assessed during the audit were deemed to be adequate and associated environmental risks were relatively low.

Non-Compliances and Observations raised during the audit are documented in the Independent Audit Table, **Attachment 1**.

3.3 Adequacy of the CEMP and Sub-Plans

Deicorp manages the environmental performance of the site under the Construction Environmental Management Plan (CEMP) to fulfil the requirements of the development Conditions of Approval (CoA). The CEMP was updated to incorporate Site 2 in May 2022 and includes the following Sub-Plans:

- Air Quality Management Plan (AQMP),
- Construction Noise and Vibration Management Plan (CNVMP),
- Construction Pedestrian and Traffic Management Plan (CPTMP),
- Construction Waste Management Plan (CWMP), and

• Soil and Water Management Plan (SWMP).

The Dewatering Management Plan (DMP) was updated in May 2023, as per IA4 audit recommendation and remained relevant to current site conditions.

A high-level assessment of the adequacy of the CEMP and Sub-Plans was conducted, as well as an assessment of the implementation of these plans. The CEMP and Sub-Plans were prepared by suitably qualified consultants and addressed relevant project requirements, including SSD 10425 Condition of Approval.

The implementation of the CEMP and Sub-Plans was considered to be adequate. Refer Section 3.1 and 3.3 of this audit report for details. Observations raised during the audit are documented in the Independent Audit Table, **Attachment 1**.

4. Audit Conclusions

The outcome of the audit indicated a good effort by the Deicorp project team on achieving compliance with conditions from Parts A and D of SSD 10425, and mitigation measures in the CEMP and Sub-Plans. Overall, **one Non-Compliances with SSD 10425 was identified** (from a total of 78 conditions assessed). **One Non-Compliances with the CEMP and Sub-Plans was identified** (from a total of 20 mitigation measures assessed).

The auditor would like to thank the auditees for their time during the audit.

5. Photographs



Photos 3 & 4: Stabilised site access and controls around stormwater drains on Conferta Avenue. Street sweeper observed to be in use.

Audit Date: 17 October2024



Audit Date: 17 October2024



Photos 9-12: Sediment fencing was in poor condition along the southern boundary of the site. Housekeeping improvements were also required along the boundary.



Photo 13: The OSD tank was being used for the temporary storage of water prior to discharge offsite



Photo 14: A sediment tank remained in place where water testing is undertaken prior to discharge



Photos 15-18: Concrete slurry was observed in the clean water swale in the southeast corner of the site. The slurry could not be seen migrating outside the site boundary or to stormwater. An investigation was recommended to be undertaken by the auditor.

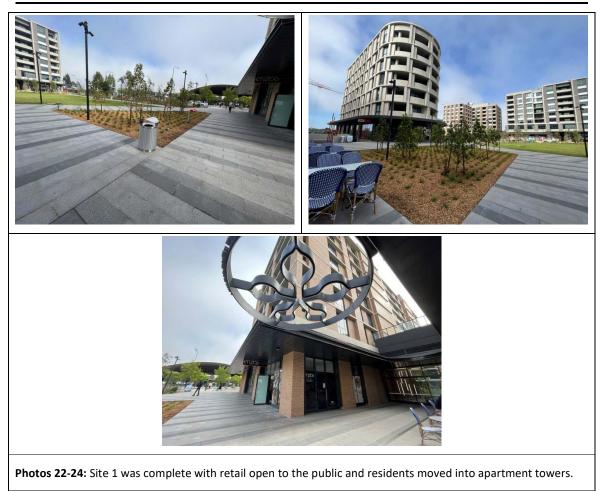




Photos 19&20: Disturbed soil was spilling into the gutter on Conferta Road. The controls around the stormwater drain in this location were inadequate, posing a risk of sediment entry.



Photos 20 & 21: A concrete washout tray was in place on the nature strip. A concrete spill appeared to have been cleaned up in the vicinity of the stormwater inlet on Conferta Ave. An investigation was recommended to be undertaken by the auditor.



Independent Environmental Audit Report

Deicorp Construction Pty Ltd

Tallawong Station Precinct South (SSD 10425) Rouse Hill NSW

Attachment 1: Independent Audit Table

	Audit Table - Tallawong Station Precinct South Independent Audit 7 (IA7), 17 October 2024				
Approval ID (CoA SSD 10425)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status	
PART A ADMI	NISTRATIVE CONDITIONS				
Obligation to	Minimise Harm to the Environment				
A1	In addition to meeting the specific performance measures and criteria in this consent, all reasonable and feasible measures must be implemented to prevent, and if prevention is not reasonable and feasible, minimise, any material harm to the environment that may result from the construction and operation of the development.	• The findings from this audit	None	Compliant	
Terms of Cons					
A2	The development may only be carried out: a) in compliance with the conditions of this consent b) in accordance with all written directions of the Planning Secretary c) in accordance with the EIS, RtS and any RFI d) in accordance with the approved plans in the table below (except where modified by the conditions of this consent): (See Development Consent, Pages 7-14).	• The findings from this audit	None	Compliant	
A3	Consistent with the requirements in this consent, the Planning Secretary may make written directions to the Applicant in relation to: a) the content of any strategy, study, system, plan, program, review, audit, notification, report or correspondence submitted under or otherwise made in relation to this consent, including those that are required to be, and have been, approved by the Planning Secretary; and b) the implementation of any actions or measures contained in any such document referred to in Condition A3(a).	• Interview with Auditees	No directions or requests for information from the Planning Secretary during the audit period.	Not triggered	
Α4	The conditions of this consent and directions of the Planning Secretary prevail to the extent of any inconsistency, ambiguity or conflict between them and a document listed in condition A2(c) or A2(d). In the event of an inconsistency, ambiguity or conflict between any of the documents listed in condition A2(c) or A2(d), the most recent document prevails to the extent of the inconsistency, ambiguity or conflict.	• None	None	Not Triggered	

	Audit Table - Tallawong Independent Audit 7 (
Approval ID (CoA SSD 10425)	Requirement	Evidence Collected	Independent Audit Findings & Recommendations	Compliance Status
Limits on Con	sent		·	
A5	This consent will lapse five years from the date the consent is registered on the NSW planning portal unless the works associated with the development have physically commenced.	 Planning Consent SSD 10425 	Planning Consent SSD 10425 is dated 20/7/2021 Works physically commenced prior to the date of SSD approval (i.e. 2/9/2021)	Compliant
A6	This consent does not approve the following: (a) the detailed fit out and operation of the retail and commercial premises (b) the installation of signage Where required, separate approvals shall be obtained from the relevant consent authority (except where exempt and/or complying development applies).	• None	Noted	Not Triggered
Prescribed Co	nditions			
A7	The Applicant must comply with all relevant prescribed conditions of development consent under Part 6, Division 8A of the EP&A Regulation.	None	As per the findings of this audit	Compliant
PLANNING SE	CRETARY AS MODERATOR			
A8	In the event of a dispute between the Applicant and a public authority, in relation to an applicable requirement in this approval or relevant matter relating to the Development, either party may refer the matter to the Planning Secretary for resolution. The Planning Secretary's resolution of the matter must be binding on the parties.	• Interview with Auditees	No disputes are known to have arisen between the Applicant and a public authority during the audit period.	Not triggered
LEGAL NOTICE	S			
A9	Any advice or notice to the consent authority must be served on the Planning Secretary.	Interview with Auditees	No legal advice or notices are known to have been served during the project.	Not triggered

IDENCE O	F CONSULTATION			
A10	 Where conditions of this consent require consultation with an identified party, the Applicant must: (a) consult with the relevant party prior to submitting the subject document to the Planning Secretary for information or approval; and (b) provide details of the consultation undertaken including: (i) the outcome of that consultation, matters resolved and unresolved; and (ii) details of any disagreement remaining between the party consulted and the Applicant and how the Applicant has addressed the matters not resolved. 	• The findings from this audit relevant to consultation	Consultation is understood to have occurred as required.	Compliant
A11	All new buildings and structures that are part of the development, must be constructed in accordance with the relevant requirements of the BCA. Notes: • Under Part 6 of the EP&A Act, the Applicant is required to obtain construction and occupation certificates for the proposed building works. • Part 8 of the EP&A Regulation sets out the requirements for the certification of the development.	 City Plan Construction Certificate No. 210348/1, dated 31/8/2021 (CC1) – Stage 1 Early Works City Plan Construction Certificate No. 210348/2, dated 22/12/2021 (CC2) – Stage 1 (Site 1A & 1B) Basement City Plan Construction Certificate No. 210348/3, dated 20/7/2022 (CC3) - Stage 2 Early Works (bulk excavation, shoring & piling) (Sites 2A, 2B, 2C, 2E & 2D) City Plan Construction Certificate No. 201348/4, dated 25/8/2022 (CC4) – Stage 1 Structure City Plan Construction Certificate No. 201348/5, dated 14/10/2022 (CC5) – Stage 1 Façade & Fitout 	Construction Certificates (CCs) issued for the development include various statements of compliance related to the BCA. Stage 2 (Sites 2A & 2D only) of the development commenced early works in August 2022. The first construction certificate for Stage 2 Early Works (CC3) was issued on 20/7/2022. Construction for Stages 1 and 2 of the development were ongoing at the time of this audit IA6. Construction certificates and the CC Register were provided as evidence during the audit. For Site 1, above-ground construction of all five towers was complete and operation commenced. For Site 2, above-ground construction of three towers for Stage 2D was almost complete (Building Q, R & S) –	Compliant

Operation of P	Plant and Equipment	 CC6, dated 9/12/2022, Stage 2 – Slab on Grade (2A & 2D) CC7, dated 13/3/2023 Stage 1 - Services CC8, dated 13/3/2023, Stage 1 - Landscaping CC9, dated 3/3/2023, Stage 2 – Structure (2A & 2D) {B1-B2} CC10, dated 14/9/2022, Structure (2A & 2D) [Ground Floor] CC12, dated 22/6/2022, Structure (2D) [L1 - Roof] CC13, dated 6/9/2023, Structure (2A) [L1 - Roof] CC14, dated 1/12/2023 Fit-out, Services, Landscape – Site 2A & 2D 	Occupation Certificate preparations were underway. A summary of Construction staging at the time of IA7 is presented below: Site 2A - Buildings G, F, H, K, J (Building Works On going) Site 2D - Building Q, R, S (Building Nearing Completion) Site 2BCE - Buildings L, M, N, P (Bulk Ex / Basement Structure) The CC for Fit-out of Stage 2A and 2D was issued. Excavation for Stage 2B, 2C & 2E (Buildings L, M, N & P) commenced on 15/3/2024. This is the final stage of the development. NB: It is outside the scope of the Auditor's engagement to ensure the development is BCA compliant. The issue of CCs is the responsibility of the Certifier.	
	All plant and equipment used on site, or to monitor the performance of	• Site inspection, dated	Water monitoring equipment is	
A12	the development must be:	17/10/2024	brought onto site by EI Australia and is	Not triggered
712	a) maintained in a proper and efficient condition; and	 Interview with 	maintained by them. There is no other	Not triggered
	b) operated in a proper and efficient manner.	Auditees	monitoring equipment on site.	

Applicability	of Guidelines			
A13	References in the conditions of this consent to any guideline, protocol, Australian Standard or policy are to such guidelines, protocols, Standards or policies in the form they are in as at the date of this consent.	• None	None	Not Triggered
A14	However, consistent with the conditions of this consent and without altering any limits or criteria in this consent, the Planning Secretary may, when issuing directions under this consent in respect of ongoing monitoring and management obligations, require compliance with an updated or revised version of such a guideline, protocol, Standard or policy, or a replacement of them.	• None	None	Not Triggered
Monitoring a	nd Environmental Audits			
A15	 Any condition of this consent that requires the carrying out of monitoring or an environmental audit, whether directly or by way of a plan, strategy or program, is taken to be a condition requiring monitoring or an environmental audit under Division 9.4 of Part 9 of the EP&A Act. This includes conditions in respect of incident notification, reporting and response, noncompliance notification and independent auditing. Note: For the purposes of this condition, as set out in the EP&A Act, "monitoring" is monitoring of the development to provide data on compliance with the consent or on the environmental impact of the development, and an "environmental audit" is a periodic or particular documented evaluation of the development to provide information on compliance with the consent or the environmental management or impact of the development. 	• None	See conditions related to monitoring in Part D.	Compliant
COMPLIANCI	E			
A16	The Applicant must ensure that all of its employees, contractors (and their sub-contractors) are made aware of, and are instructed to comply with, the conditions of this consent relevant to activities they carry out in respect of the development.	• Letter of Award – Formgroup NSW Pty Ltd (formwork), 9/12/2021	Letter of Award includes reference to scope of works and documents relevant reports and documents. The letter includes reference to the SSD 10425 approval and requirement to comply. It is understood this letter is a standard template issued to all new contractors.	Compliant

	Strategies, Plans and Programs			
A17	Within three months of: a) the submission of a compliance report under this consent; b) the submission of an incident report under this consent; c) the submission of an Independent Audit under this consent; d) the approval of any modification of the conditions of this consent (excluding modifications made under section 4.55(1) of the EP&A Act); or e) the issue of a direction of the Planning Secretary under this consent which requires a review, the strategies, plans and programs required under this consent must be reviewed, and the Department must be notified in writing that a review is being carried out.	 Interview with Auditees Dewatering Management Plan, Rev02 2/5/2023 AECOM AQMP, Rev 2, 13/5/2022 Acoustic Logic CNVMP, Rev 1, 19/7/2021 BRS CEMP, Site 2, 30/5/2022 BRS CPTMP, Site 2, 28/5/2022 Sky Engineering SWMP/ESCP, Site 2 20/5/2022 BRS CWMP, Site 2, 26/5/2022 El Australia Groundwater Take Assessment, 30/7/2021 	Plans as listed in the evidence column (and in detail in Section 1.5.2 of the IA7 Audit Report) were updated prior to Independent Audit 3 (IA3) and address requirements, including conditions of approval relevant to Site 2. The Dewatering Management Plan was revised during the IA5 audit period based on a recommendation during IA4. The CEMP and Sub-plans were prepared to cover the entire site at the commencement of construction.	Compliant
A18	If necessary to either improve the environmental performance of the development, cater for a modification or comply with a direction, the strategies, plans and programs required under this consent must be revised to the satisfaction of the Planning Secretary. Where revisions are required, the revised document must be submitted to the Planning Secretary for approval within six weeks of the review. Note: This is to ensure strategies, plans and programs are updated on a regular basis and to incorporate any recommended measures to improve the environmental performance of the development.	• Interview with Auditees	As per Condition A17. DPHI has not made any request for updates to management plans during the audit period.	Compliant
MPLIANC	EREPORTING			
A19	Compliance Reports of the project must be carried out in accordance with the Compliance Reporting Requirements outlined in the Compliance Reporting Post Approval Requirements (2020).		It is understood there is no requirement for compliance reporting for the project during Construction (or	Not triggere



A20 A21 A22	Compliance Reports must be submitted to the Department in accordance with the timeframes set out in the Compliance Reporting Post Approval Requirements (2020), unless otherwise agreed to by the Planning Secretary.The Applicant must make each Compliance Report publicly available 60 days after submitting it to the Planning Secretary, unless otherwise agreed by the Planning Secretary.Notwithstanding the requirements of the Compliance Reporting Post Approval Requirements (2020), the Planning Secretary may approve a 	• DPHI Compliance Reporting Post Approval Requirements-2020	Pre-Construction) in accordance with DPHI's Compliance Reporting Post Approval Requirements (2020).	
	satisfaction that an operational compliance report has demonstrated operational compliance.			
INDEPENDEN	T ENVIRONMENTAL AUDIT			
A23	Independent Audits of the development must be conducted and carried out in accordance with the Independent Audit Post Approval Requirements (2020).	 DPHI Independent Audit Post Approval Requirements, 2020 DPHI Letter RE: Independent Audit Report No. 5, dated 23/11/2023 This audit (IA7 SSD 10425, dated 17/10/2024) 	This audit (IA7 SSD 10425, dated 17/10/2024) is being conducted in accordance with the Independent Audit Post Approval Requirements (2020). Audits have generally been conducted at 26 week intervals throughout the project: IA1 - 6/10/2021 IA2 - 20/4/2022 IA3 - 7/10/2022 IA4 - 4/4/2023 IA5 - 24/10/2023 IA6 - 19/4/2024 IA7 - 17/4/2024	Compliant
A24	Proposed independent auditors must be agreed to in writing by the Planning Secretary prior to the commencement of an Independent Audit.	 DPHI Appointment of Experts, SSD 10425, dated 2/10/2024 Auditor Declaration of Independence Form, SSD 10425, dated 9/9/2024 	DPHI Letter approves the appointment (Ms Josephine Heltborg, Principal Environmental Consultant) to prepare the Independent Environmental Audit in accordance with Schedule 2, Condition A24 of SSD 10425 and the IAPARs.	Compliant

A25	The Planning Secretary may require the initial and subsequent Independent Audits to be undertaken at different times to those specified above, upon giving at least 4 weeks' notice (or timing) to the Applicant of the date upon which the audit must be commenced.	• None	None	Not triggered
A26	In accordance with the specific requirements in the Independent Audit Post Approval Requirements (2020), the Applicant must: (a) review and respond to each Independent Audit Report prepared under this consent; (b) submit the response to the Planning Secretary; and (c) make each Independent Audit Report, and response to it, publicly available 60 days after submission to the Planning Secretary.	 This audit (IA7 SSD 10425, dated 17/10/2024) Independent Audit Report IA6 SSD 10425, dated 19/4/2024 Submission of IA6 to DPHI via Planning Portal, dated 7/5/2024 Project website (tallawongvillagecommuni typortal.com.au) 	This audit (IA7 SSD 10425, dated 17/10/2024) is being conducted in accordance with the Independent Audit Post Approval Requirements, 2020. The IA6 Audit Report, and Proponent's response was submitted to DPHI via the Planning Portal, dated 7/5/2024. DPHI is not known to have responded to the IA6 submission. <u>Observation 1</u> : <i>It is noted that</i> <i>Deicorp's Action List (Proponent's</i> <i>Response) does not include</i> <i>timeframes for the close-out of</i> <i>actions, as requested by DPHI after</i> <i>the IA6 audit submission.</i> <u>Recommendation</u> : <i>Deicorp to include</i> <i>timeframes for completion of actions</i> <i>in the IA7 Proponent's Response, and</i> <i>ongoing.</i> The IA6 Audit Report, and Deicorp's response was available on the project website at the time of IA7: <u>tallawongvillagecommunityportal.com</u> .au	Compliant
A27	Independent Audit Reports and the Applicant's response to audit findings must be submitted to the Planning Secretary within 2 months of undertaking the independent audit site inspection as outlined in the Independent Audit Post Approvals Requirements (2020) unless otherwise agreed by the Planning Secretary.	 Independent Audit Report IA6 SSD 10425, dated 19/4/2024 Submission of IA6 to DPHI, dated 7/5/2024 	This audit (IA7 SSD 10425, dated 17/10/2024) is being conducted in accordance with the Independent Audit Post Approval Requirements, 2020.	Compliant

			The IA6 Audit Report and the Applicant's response to audit findings was submitted to DPHI via the Planning Portal, dated 7/5/2024, within 2 months of the audit site inspection.	
A28	Notwithstanding the requirements of the Independent Audit Post Approvals Requirements (2020), the Planning Secretary may approve a request for ongoing independent operational audits to be ceased, where it has been demonstrated to the Planning Secretary's satisfaction that independent operational audits have demonstrated operational compliance.	• Nono	None	Not triggered

REMEDIATION – REMEDIAL ACTION PLAN				
A29	The Applicant must remediate the site in accordance with the specifications and requirements detailed in the Remedial Action Plan prepared by El Australia, dated 16 April 2020 (ref: E24445.E06_Rev1) and relevant guidelines produced or approved under the <i>Contaminated Land Management Act 1997.</i> Remediation works must be undertaken by a suitably qualified and experienced consultant(s).	 Remedial Action Plan prepared by El Australia, dated 16 April 2020 (ref: E24445.E06_Rev1) El Australia Engagement Letter, dated 23/07/2021 Interview with Auditees Site Audit Statement, Site 1, 7 July 2022, Tim Chambers, Phreatic Consulting EPA Site Auditor Interim Advice (21023 IA6 Clearance Certificate for Stage 2 Lot 293 in DP 1213279), Phreatic Consulting 10/2/2023 Eiaustralia (01.2.2023) Validation Report, Tallawong Station Precinct South, Rouse Hill NSW – Site 2. Reference E24445.E07.2_Rev0 NSW EPA Site Audit Statement TNC171-2, Phreatic Consulting, dated 18/12/2023 Phreatic Consulting Contaminated Site Audit Report Tallawong Station South Precinct – Stage 2 Lot 293 DP 1213279, 18/12/2023 	Remediation of Site 1 was complete and a Site Audit Statement (SAS TNC171-1) issued in July 2022. Tim Chalmers of Phreatic Consulting is engaged as the NSW EPA Site Auditor, and El Australia managed the remediation works for Site 2. El Australia Engagement Letter states El Australia is a suitably qualified contaminated land environmental consultant. Remediation of Site 2 is addressed in the overarching Remedial Action Plan (RAP) and Detailed Site Investigation (DSI) for the development. Remediation involved predominantly the removal and validation of shallow soil impact (asbestos). NB: Verification of compliance with the RAP is managed by the EPA Site Auditor and is outside the scope of this audit. Remediation of Site 2 was complete at the time of IA6, and a Site Audit Statement (SAS TNC171-2) was issued on 18/12/2023. The SAS confirms the site is suitable for the following uses: Commercial/industrial Mixed use development in accordance with SSD 10425. It is noted that no groundwater impact was identified at Site 2.	Compliant

PLANNING A	AGREEMENT			
A30	Any relevant obligation required to be performed by the applicant under the Planning Agreement-Village Green Land at Tallawong Station Precinct South executed on 6 May 2021 between Blacktown City Council and Deicorp Projects (Tallawong Station) Pty Ltd, must be completed prior to the issue of an Occupation Certificate.	 Planning Agreement – Village Green Land at Tallawong Station Precinct South, Addisons, dated 06/05/2021 Interview with Auditees 	Voluntary Planning Agreement (VPA) signed by Blacktown City Council, dated 06/05/2021 sighted. VPA requirements to be met prior to issue of the OC, when public are given access to the park on Site 1. The park was open and the public had access during IA7. NB: Verification of compliance with requirements of the VPA are outside the scope of this audit. Issue of the OC is evidence VPA requirements have been met, and is the responsibility of the Certifier.	Compliant
REGISTRATIO	ON OF EASEMENTS AND COVENANTS – PUBLIC ACCESS		Subdivision works including the	
A31	Easements under section 88A and/or restrictions or public positive covenants under section 88E of the <i>Conveyancing Act 1919</i> naming Blacktown City Council as the prescribed authority, which can only be revoked, varied or modified with the consent of Blacktown City Council, and which provides for public use and access to parks, plazas and paths that are identified to be privately owned lands with public easements under Concept Development Approval SSD 9063 as modified, must be registered on title prior to occupation or issue of subdivision certificate, whichever is earlier.	 Interview with Auditees Email from Deicorp Manager – Conveyancing and Titling, dated 23/10/24 88b Final executed, Plan of Subdivision of Lot 293 DP 1213279 – pending Council execution 	Subdivision works including the registration of easements and covenants are understood to relate to Site 2 only. As-built survey easement to be lodged after easements are constructed (OC requirement). Correspondence regarding the he registration of stormwater easements was sighted. Compliance with this condition is being managed by Deicorp Manager – Conveyancing and Titling. The Plan of Subdivision of Lot 293 DP 1213279 (Site 2) was sighted and was pending Council execution at the time of IA7.	Not triggered

PART D - D	URING CONSTRUCTION			
APPROVED P	LANS TO BE ON-SITE			
D1	A copy of the approved and certified plans, specifications and documents incorporating conditions of approval and certification must be kept on the Site at all times and must be readily available for inspection by any officer of the Department, Council or the Certifier.	• Site inspection 17/10/2024	Copies of approved plans were available for review on site in the project office.	Compliant
SITE NOTICE		•		
D2	 A site notice(s) shall be prominently displayed at the boundaries of the site for the purposes of informing the public of project details including, but not limited to the details of the Builder, Certifier and Structural Engineer. The notice(s) is to satisfy all but not be limited to, the following requirements: (a) minimum dimensions of the notice are to measure 841 mm x 594 mm (A1) with any text on the notice to be a minimum of 30-point type size; (b) the notice is to be durable and weatherproof and is to be displayed throughout the works period; (c) the approved hours of work, the name of the site/project manager, the responsible managing company (if any), its address and 24-hour contact phone number for any inquiries, including construction/noise complaint are to be displayed on the site notice; and (d) the notice(s) is to be mounted at eye level on the perimeter hoardings/fencing and is to state that unauthorised entry to the site is not permitted. 	• Site inspection 17/10/2024	Site Notices were displayed at the access points to Site 2. At the time of IA7 Site 1 was operational and no longer a construction site. (a) The Site Notice was larger than minimum size (b) Site Notice made from weatherproof material (c) The following details were included on the Site Notice: Approved work hours, name of Project Manager, name, address & mobile number of Builder (managing company) (d) Notice was at eye level on hoardings at the Site 2 entrance. Additional signage 'Construction Site, Unauthorised Persons Keep Out' was also displayed.	Compliant
Hours of Cor	struction			
D3	Construction, including the delivery of materials to and from the site, may only be carried out between the following hours: (a) between 7am and 6pm, Mondays to Fridays inclusive; and (b) between 8am and 1pm, Saturdays.	 Interview with Auditees CEMP & CNVMP 	Deicorp advised works are only conducted during standard working hours, as documented in the CEMP & CNVMP, and displayed on the Site Notice. No complaints about out of hours work (OOHW) are known to have been received in relation to the project.	Compliant

D4	No work may be carried out on Sundays or public holidays.	 Interview with Auditees CEMP & CNVMP 	Deicorp advised no works have occurred on Sundays or public holidays. No OOHW have reportedly been required or undertaken.	Compliant
D5	 Activities may be undertaken outside of these hours if required: (a) by the Police or a public authority for the delivery of vehicles, plant or materials; or (b) in an emergency to avoid the loss of life, damage to property or to prevent environmental harm. 	Interview with AuditeesCEMP & CNVMP	No emergencies have reportedly occurred during the project, that may require OOHW.	Not Triggered
D6	Notification of such activities must be given to affected residents before undertaking the activities or as soon as is practical afterwards.	 Interview with Auditees 	No OOHW are known to have been undertaken.	Not Triggered
D7	Rock breaking, rock hammering, sheet piling, pile driving and similar activities may only be carried out between the following hours: (a) 9am to 12pm, Monday to Friday; (b) 2pm to 5pm Monday to Friday; and (c) 9am to 12pm, Saturday.	 Interview with Auditees CEMP & CNVMP Site inspection 17/10/2024 	The requirements of D7 are documented in the CEMP & CNVMP. The CNVMP was updated to incorporate Site 2, dated May 2022. Rock breaking, hammering etc. for the basement excavation on Site 2 recommenced during the IA7 audit period. Removal of fill commenced in April 2024 and basement excavation /rock- breaking re-commenced on Site 2 in mid-July 2024. The Deicorp Construction Manager indicated he was aware of the respite periods and requirements in Condition D7 around the timing of noise intensive works. All construction works observed during the inspection were confined within the site boundary. No complaints are known to have been received in relation to noise from the project to date. The nearest sensitive receivers are residents of the newly constructed Deicorp towers on	Compliant

INCIDENT NO	TIFICATION, REPORTING AND RESPONSE		the northern side of Conferta Avenue (former Site 1).	
D8	The Department must be notified in writing to <u>compliance@planning.nsw.gov.au</u> immediately after the Applicant becomes aware of an incident. The notification must identify the development (including the development application number and the name of the development if it has one) and set out the location and nature of the incident.	 Interview with Auditees CEMP & CNVMP 	No environmental incidents triggering DPHI notification are known to have occurred during the project.Procedures for dealing with an environmental incident are included in the CEMP.Observation 2: Two environmental incidents were identified during the audit site inspection, which had not been reported in a formal Incident Report. In one instance, concrete slurry had been deposited in the swale leading to the stormwater discharge point on the corner of Schofields and Cudgegong Road. In the 2 nd instance there was evidence of a concrete spill that had been cleaned up on either side of a stormwater drain on Conferta Avenue.Recommendation: Deicorp should 	Not Triggered
D9	Subsequent notification must be given and reports submitted in accordance with the requirements set out in Appendix 1.	Interview with Auditees	As per D8	Not Triggered

NON-COMPLIA	ANCE NOTIFICATION			
D10	The Department must be notified in writing to compliance@planning.nsw.gov.au within seven days after the Applicant becomes aware of any non-compliance. The Certifier must also notify the Department in writing to compliance@planning.nsw.gov.au within seven days after they identify any non-compliance.	 Interview with Auditees CEMP & CNVMP 	No non-compliances are known to have occurred during the project (other than those raised during Independent Audits, which have been notified to DPHI with submission of each Audit Report). Procedures for dealing with an environmental incident are documented in the CEMP.	Not Triggered
D11	The notification must identify the development and the application number for it, set out the condition of consent that the development is non-compliant with, the way in which it does not comply and the reasons for the noncompliance (if known) and what actions have been, or will be, undertaken to address the non-compliance.	• Interview with Auditees	As per D10	Not Triggered
D12	A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.	• NA	Noted	Not Triggered
SAFEWORK RE	QUIREMENTS			
D13	To protect the safety of work personnel and the public, the work site must be adequately secured to prevent access by unauthorised personnel, and work must be conducted at all times in accordance with relevant SafeWork requirements.	 Site Management Plan Site inspection 17/10/2024 Interview with Auditees 	The Site Management Plan shows the extent of hoarding around the whole site, with gates and padlocks installed. Security arrangements were confirmed with the Site Manager who confirmed CCTV is in place, with cameras monitored from the site office. CCTV is also in place for public car parking to the west of the site.	Compliant
IMPLEMENTA	TION OF MANAGEMENT PLANS			
D14	The Applicant must ensure the requirements of the Construction Environmental Management Plan, Construction Pedestrian Traffic Management Plan, Construction Noise and Vibration Management Sub-Plan, Air Quality Management Plan and Construction Waste Management Plan required by this consent are implemented during construction.	N/A	As per later section of the audit on CEMP & Sub Plan compliance.	Compliant
CONSTRUCTIO	ON NOISE LIMITS			

D15	The development must be constructed to achieve the construction noise management levels detailed in the Interim Construction Noise Guideline (DECC, 2009). All feasible and reasonable noise mitigation measures must be implemented and any activities that could exceed the construction noise management levels must be identified and managed in accordance with the management and mitigation measures identified in the approved CNVMP.	 Acoustic Logic CNVMP, May 2022 Site inspection 17/10/2024 	The CNVMP sets out mitigation measures to be implemented to achieve the construction noise management levels detailed in the Interim Construction Noise Guideline (DECC, 2009). The implementation of selected CNVMP mitigation measures has been assessed in a later section of this audit.	Compliant
D16	The Applicant must ensure construction vehicles (including concrete agitator trucks) do not arrive at the subject site or surrounding residential precincts outside of the construction hours of work outlined under this consent.	 Acoustic Logic CNVMP, May 2022 Interview with Auditees 	There has been no known instance of deliveries, including concrete trucks, arriving out of hours during the project. The requirement to meet D16 has been included in the CNVMP.	Compliant
D17	The Applicant must implement, where practicable and without compromising the safety of construction staff or members of the public, the use audible movement alarms of a type that would minimise noise impacts on surrounding noise sensitive receivers.	Australian Piling Plant Pre-Start form	Plant Pre-Start checks include the verification of reversing travel alarms. The Site Manager indicated reversing quackers were a requirement for all plant and equipment where relevant.	Compliant
D18	The Applicant must ensure that any work generating high noise impact (i.e. work exceeding a NML of LAeq 75dBA) as measured at the sensitive receiver must only be undertaken in continuous blocks of no more than 3 hours, with at least a 1 hour respite between each block of work generating high noise impact, where the location of the work is likely to impact the same receivers. For the purposes of this condition 'continuous' includes any period during which there is less than one hour respite between ceasing and recommencing any of the work the subject of this condition.	 Acoustic Logic CNVMP, May 2022 Interview with Auditees 	The highest noise impact predicted is to residential receivers in Zone R1 (the newly constructed Deicorp towers on the northern side of Conferta Avenue (former Site 1)). In Table 7 of the CNVMP, rock hammering and jack hammering is predicted to exceed the Noise Management Level (NML) and is predicted to exceed the Highly Affected Noise Management Level (HANML) when operating near the receiver boundary. Mitigation measures are set out in Section 5.5 of the CNVMP. It is noted	Compliant

			that noise monitoring is only recommended in the "event of strong community reaction to construction noise, or complaint from a specific receiver". The Deicorp Site Manager indicated he was aware of the respite periods and requirements in D7 around the timing of noise intensive works. No complaints are known to have been made in relation to noise for the project to date.	
D19	Any noise generated during construction of the development must not be offensive noise within the meaning of the <i>Protection of the</i> <i>Environment Operations Act 1997</i> or exceed approved noise limits for the site.	 Acoustic Logic CNVMP Interview with Auditees 	No offensive noise is known to have occurred on site to date, and no noise complaints are known to have been made. See also D18.	Compliant
VIBRATION CR	ITERIA			
D20	Vibration caused by construction at any residence or structure outside the Site must be limited to: (a) for structural damage, the latest version of DIN 4150-3 (1992-02) Structural vibration - Effects of vibration on structures (German Institute for Standardisation, 1999); (b) for human exposure to vibration, the evaluation criteria set out in the Environmental Noise Management Assessing Vibration: A Technical Guideline (Department of Environment and Conservation, 2006) (as may be updated or replaced from time to time).	 Acoustic Logic CNVMP Interview with Auditees Site inspection 17/10/2024 Acoustic Logic Vibration Monitoring Reports (Site 2): Report 1, 9/11/22- 24/11/22 Report 2, 25/11/22- 8/12/22 Report 4, 14/1/23- 27/1/23 Report 5, 28/1/23- 3/3/23 	In the CNVMP, the requirement for vibration monitoring is triggered during rock hammering. The Stage 2A basement excavation was mostly complete in ~March 2023 and the basement structure for Site 2BCE Buildings L, M, N, P re- commenced bulk excavation in ~May 2024. Previous vibration monitoring was conducted by Acoustic Logic in accordance with the document entitled ' <i>Monitoring Plan for Sydney</i> <i>Water</i> ' prepared by El Australia (ref: E24445.G10, dated 17/09/2021) during demolition and excavation for	Non- Compliance

			the protoction of Cudnou Water
		Email from Acoustic	the protection of Sydney Water assets
		Logic, dated 3/05/2022	on Site 1.
			The CNVMP was updated in May 2022
			for Site 2 and requires vibration
			monitoring during rock hammering.
			Non-Compliance: There was no
			evidence of vibration monitoring
			conducted during the IA7 audit
			period, during which rock hammering
			and other activities with the potential
			to exceed the Noise Management
			Level (NML) and Highly Affected NML
			(HANML) was undertaken during Site
			2 basement excavation.
			Recommendation: Re-commence
			vibration monitoring during
			basement excavation as required by
			the CNVMP.
			Vibration monitoring was conducted
			by Acoustic Logic for Site 2, with
			records documented in Vibration
			Monitoring Reports 1-5 from Nov
			2022-March 2023. Vibration was
			measured at ground level at the NE
			corner (Cudgegong Road) and
			southern boundary (Schofields Road)
			of the site.
			Monitoring reports concluded
			vibration levels were satisfactory and
			exceedances, where they occurred,
			and were attributed by external
			sources, i.e. not related to the project
			works.
	Vibratory compactors must not be used closer than 30 metres from	Acoustic Logic CNVMP	
D21	residential or heritage buildings unless vibration monitoring confirms	 Acoustic Logic CIVINP Interview with 	Vibratory compactors are not known Not triggered
UZI			to have been used on the site to date.
	compliance with the vibration criteria specified above. These limits	Auditees	

AIR QUALITY	apply unless otherwise outlined in the project specific CNVMP required by this consent.		Site 2 is more than 30m from the Sydney Metro station box. The southern boundary of Site 2 may be within 30m of residences located along Schofields Road. There is no plan for the use of vibratory compactors.	
D22	The Applicant must take all reasonable steps to minimise dust generated during all works authorised by this consent. During construction, the Applicant must ensure that: (a) exposed surfaces and stockpiles are suppressed by regular watering; (b) all trucks entering or leaving the site with loads have their loads covered; (c) trucks associated with the development do not track dirt onto the public road network; (d) public roads used by these trucks are kept clean; and (e) land stabilisation works are carried out progressively on site to minimise exposed surfaces.	 AQMP Site Inspection, 19/4/2024 Interview with Auditees 	 (a) Dust was not identified as an issue at the time of inspection on 17/10/2024. Clay content within the soil assisted in reducing dust levels, as well as a small amount of rain the night prior to the inspection. Activities at the time of the audit site inspection were installation of the capping beam, ongoing basement excavation, construction up to ground level of some buildings. (b) There was no spoil load-out at the time of inspection. Deicorp advised spoil trucks with covered loads were utilised. (c) There was minimal evidence of tracking onto Conferta Ave from Site 2. Rumble grids were in place at the temporary Site 2 access and was relatively well maintained. It is noted the main site access would be reinstated after completion of capping beam installation. (d) Roadways were clean on Conferta Ave at the site access. A street sweeper was observed running along Conferta Ave at the time of the inspection. 	Compliant

Erosion and Sediment Control				
D23	All erosion and sediment control measures must be effectively implemented and maintained at or above design capacity for the duration of the construction works and until such time as all ground disturbed by the works have been stabilised and rehabilitated so that it no longer acts as a source of sediment. Erosion and sediment control techniques, as a minimum, are to be in accordance with the publication Managing Urban Stormwater: Soils & Construction (4th edition, Landcom, 2004) commonly referred to as the 'Blue Book'.	 Soil and Water Management Plan, CEMP Appendix C Site Inspection, 19/4/2024 Interview with Auditees 	On Site 2, basement excavation for Site 2BCE commenced in ~May 2024. On Site 2D, Buildings Q, R, S were nearing completion. The site slopes from west to east along the southern site boundary on Schofields Road. Existing stormwater pits inside the site were capped off to prevent water ingress during construction (as required by Council). <u>Observation 3:</u> A sediment fence was in place along the inside of the southern boundary fence but had come away in several locations and had not been well maintained since the last audit. Various miscellaneous materials were stored around the site boundary. <u>Recommendation:</u> Repair sediment fencing and move materials away from the site boundary / improve housekeeping. Water from across the site, including from basement excavations was pumped to an open OSD tank (non- operational) in the SE corner of the site. The water seeps through the unsealed base of the OSD and has not required pump-out or dewatering during the IA7 audit period. Therefore no water monitoring records were available for review. Localised ERSED controls were in place along Conferta Ave including coir logs and geofabric drain protection.	Compliant

			Observation 4: One stormwater inlet on Conferta Avenue was not adequately protected and risk of sediment entry was identified.Recommendation: Provide and maintain adequate controls around stormwater inlets to reduce the risk of sediment entry.	
DISPOSAL OF	SEEPAGE AND STORMWATER	1		1
D24	Any seepage or rainwater collected on-site during construction or groundwater must not be pumped to the street stormwater system unless separate prior approval is given in writing by the EPA in accordance with the <i>Protection of the Environment Operations Act</i> <i>1997</i> .	 Dewatering Management Plan, Rev02 2/5/2023 Site inspection 17/10/2024 Interview with Auditees NRAR Letter to El Australia, dated 24/9/2021 Email from NRAR, dated 8/10/2021 	The discharge of water has been addressed in the Dewatering Management Plan, approved by NRAR. Email from NRAR, dated 8/10/2021 states Condition D24 has been met as outlined in their letter, dated 24/9/2021. (<i>It is noted that NRAR's</i> <i>letter, dated 24/9/2021 does not refer</i> <i>to Condition D24</i>). This condition has been assessed as compliant based on NRAR's letter, dated 8/10/2021 confirming compliance with D24. El Australia has been engaged by Deicorp to manage the discharge of seepage and rainwater from the site (dewatering). Refer to commentary for D25 and D26.	Compliant
D25	Adequate provisions must be made to collect and discharge site stormwater to council stormwater drainage during construction of the development. Prior written approval of Council must be obtained to connect or discharge site stormwater to Council's stormwater drainage system or street gutter.	 Dewatering Management Plan, Rev02 2/5/2023 Email from Blacktown Council, RE: Stormwater Discharge, dated 24/8/2021 	The Dewatering Management Plan was provided to Council for review, dated 24/8/2021. Email from Deicorp also requests "In relation to DA Condition D26 of SSD 10425, Deicorp has been seeking council approval for the discharge of ground water into the council drainage system since 27th July 2021".	Compliant

Γ	[
Email submission of	Council email, dated 24/8/2021 states
Dewatering Management	any discharge would be at Deicorp's
Plan to Council, 24/8/2021	own risk. Council states if decision is
 Site inspection 	made to pump treated water to the
17/10/2024	stormwater system, "it is to comply
Interview with	with the "blue book" - Managing
Auditees	urban stormwater: soils and
• E24445.E09.012_Rev0	construction, as well as demonstrating
- Dewatering Summary	the discharged water complies with
Letter, 9/11/2022	ANZECC water quality guidelines then
• EI Emails RE: Water	the discharge will not be challenged by
quality monitoring, Site 1,	Council on the basis that the discharge
dated 11/10/2023	will have 'no environmental impact'".
(DW36), 8/11/2023	At the time of IA7, water from Site 1
(DW37), 15/1/2024	was being collected under operational
(DW38), 1/3/2024	arrangements so has not been
(DW39), 5/4/2024	considered during this construction
(DW40), 16/4/2024	audit.
(DW41)	Water from Site 2 is discharged from
• Table T1 – Dewatering	the settling tank with compliance with
Analytical Results – Site 1	ANZG (2018) discharge criteria
(22/2/2022-16/4/2024)	assessed as per the Dewatering Plan.
El Emails RE: Water	El Australia has been engaged since
quality monitoring, Site 2,	IA2 to manage the process. It is noted
dated 11/10/2023	that water discharge has not been
(DW25), 16/1/2024	required since installation of the OSD,
(DW26), 1/3/2024	from which water evaporates and
(DW27), 5/4/2024 (DW28)	seeps into the ground below.
• Table T1 – Dewatering	The following general process was
Analytical Results – Site 2	applied: preliminary water sample
(14/10/2022-16/4/2024)	collected by EI and results issued by
• E24445.E09.013_Rev0	email – advice either that water is
- Summary Letter of	suitable for discharge (with
Groundwater Extraction -	comparisons to ANZG (2018) Fresh
Site 1 & Site 2, dated	water, ANZG (2018) Marine, and
14/4/2023	ANZECC (2000) / NHMRC (2011)

	• E24445.E09.013_Rev1	Recreational criteria), or that water
	- Summary Letter of	was unsuitable for discharge and
	Groundwater Extraction -	further treatment and testing would
	Site 1 & Site 2, dated	be required.
	27/10/2023	Runoff from across the site, and from
	 Water discharge 	basement excavations is collected in a
	records / Pump and	sediment basin in the SE corner of Site
	approval register, Site 1 &	2. From there the water is pumped to
	2, dated 26/10/2023	a settling tank, with final discharge to
	 Morasey Email to 	stormwater on the corner of
	Deicorp, 26/4/2024 RE:	Cudgegong and Schofields Road.
	Elevated WQ analytes	Flow meters remained in place at both
	1/3/2024 & selection of	Site 1 & 2 discharge points to estimate
	discharge criteria	the volume of water pumped from
	 EIA Email response RE: 	site. Auditees advised there has been
	Tallawong (Site 2)	no water pumped from the site since
	Dewatering Procedure,	IA6, April 2024, with all water directed
	dated 2/5/2024	to the OSD / passive discharge, or
		used for dust suppression.
		On 27/10/2023, EI Australia provided
		a summary of groundwater extraction
		during basement construction at Site 1
		and Site 2 Tallawong Station Precinct
		South, Rouse Hill NSW. The letter
		states that "Based on the above
		information provided by the client, the
		accumulated volume of extracted
		groundwater during the period of
		November 2022 to October 2023
		(approximately 12 months) was
		2.88ML for Site 1 and 1.3ML for Site 2.
		The volumes were all below 3ML
		therefore Water Access Licence (WAL)
		is not required".
		*It is noted by the Auditor that the
		above volumes are total volumes and

			do not represent groundwater exclusively. Therefore actual groundwater take volumes would be significantly less than reported. A register of water discharge records (Pump & Approval Register) for Site 1 & 2 is maintained and includes a summary of discharge testing. The register records the flow meter reading, Date of water quality testing, Date of approval to discharge (EI Australa), and Date water was discharged. Copies of water quality testing reports (DW28 (5/4/24) & DW29 (16/4/24)) for Site 2 were provided for review during the audit period. Metals (Al, Cr, Cu & Zn) were commonly elevated, which has been the trend throughout the project, but the water was deemed suitable for discharge. NB: <i>It is noted that EIA has been engaged by Deicorp to manage the dewatering process. The decision- making process around whether the water is a suitable quality to discharge is the responsibility of Deicorp and EIA and has not hean further investigated</i>	
			and has not been further investigated during this audit.	
D26	A separate written approval from Council is required to be obtained in relation to any proposed discharge of groundwater into Council's drainage system external to the site, in accordance with the requirements of section 138 of the <i>Roads Act 1993</i> .	 Dewatering Management Plan, Rev02 2/5/2023 El Letter RE: Response on the Dewatering at Site 1 Tallawong Station 	As per El Letter, dated 21/4/2022: "Based on information provided by the client and multiple El site inspections during excavation, groundwater dewatering has not been required during excavation and construction of the basement. Seepage of	Compliant

Precinct South, Rouse Hill	groundwater through the bedding
NSW, dated 21/4/2022	planes of the residual clay and shale
Email from Blacktown	into the basement has been minor.
Council, RE: Stormwater	The clay and shale material within the
Discharge, dated	basement has been observed to be
24/8/2021	dry".
Email submission of	The Dewatering Management Plan
Dewatering Management	was provided to Council for review,
Plan to Council, 24/8/2021	dated 24/8/2021. Email from Deicorp
	also requests "In relation to DA
	Condition D26 of SSD 10425, Deicorp
	has been seeking council approval for
	the discharge of ground water into the
	council drainage system since 27th
	July 2021".
	Council email, dated 24/8/2021 states
	any discharge would be at Deicorp's
	own risk. Council states if decision is
	made to pump treated water to the
	stormwater system, "it is to comply
	with the "blue book" - Managing
	urban stormwater: soils and
	construction, as well as demonstrating
	the discharged water complies with
	ANZECC water quality guidelines then
	the discharge will not be challenged by
	Council on the basis that the discharge
	will have 'no environmental impact'".
	The discharge of construction water
	from Site 2 continued to be managed
	in accordance with the process
	outlined as evidence for Condition
	D25.
	It is noted that there was no discharge
	during the IA7 audit period so no

REMEDIATION – ASBESTOS			
The Applicant must ensure that any asbestos encountered is monitored, handled, transported and disposed of by appropriately qualified and licensed contractors in accordance with the requirements of SafeWork NSW and relevant guidelines, including: (a) <i>Work Health and Safety Regulation 2017</i> ; (b) SafeWork NSW Code of Practice – How to Manage and Control Asbestos in the Workplace September 2016; (c) SafeWork NSW Code of Practice – How to Safely Remove Asbestos September 2016; and (d) <i>Protection of the Environment Operations (Waste) Regulation 2014</i> .	 El Australia RAP, dated 16/4/2020 Phreatic Consulting, Contaminated Site Audit Report, Tallawong Station South Precinct – Stage 1, 21/6/2022 NSW EPA Site Audit Statement, Stage 1, 7/7/2022 NSW EPA Site Audit Statement TNC171-2, Phreatic Consulting, dated 18/12/2023 ElAustralia (01.02.2023) Validation Report, Tallawong Station Precinct South, Rouse Hill NSW – Site 2. Reference E24445.E07.2_Rev0 Phreatic Consulting Contaminated Site Audit Report Tallawong Station South Precinct – Stage 2 Lot 293 DP 1213279, 18/12/2023 Phreatic Consulting, Interim Advice 6, Tallawong Station South Precinct: Clearance Certificate for Stage 2, Lot 	El Australia has been engaged by Deicorp to manage the site remediation and associated waste management requirements. Compliance with Condition D27 for Site 1 was addressed in previous audits – refer IA2 & IA3 Audit Reports. Earthworx was engaged as the asbestos removalist and transporter for Site 2. Tim Chalmers of Phreatic Consulting is engaged as the NSW EPA Site Auditor, and El Australia managed the remediation works for Site 2. Remediation of Site 2 was complete at the time of IA6, and a Site Audit Report (SAR) and Site Audit Statement (SAS TNC171-2) was issued on 18/12/2023. The SAS confirms the site is suitable for the following uses: Commercial/industrial Mixed use development in accordance with SSD 10425 There were no unexpected finds of contamination during the IA7 audit period.	Compliant

CONSTRUCTIO	N TRAFFIC			
D28	All construction vehicles are to be contained wholly within the Site, except if located in an approved on-street work zone, and vehicles must enter the Site before stopping.	 Site Inspection, 19/4/2024 Interview with Auditees Construction Pedestrian Traffic Management Plan (CPTMP), Site 2, Barker Ryan Stewart, 28/5/2022 Construction Pedestrian Traffic Management Plan (CPTMP), Public Domain, Barker Ryan Stewart, 15/9/2022 Blacktown Council Works Zone Approval email (Application RDA-22- 01335), dated 8/9/2022 Email from Blacktown Council to Deicorp RE: Work Zone application RDA-22-01335 - 2-12 Conferta Ave, Tallawong, dated 25/3/2024 	All construction vehicles were contained within the site during the site inspection. Blacktown Council email, dated 25/3/2024 confirms ongoing use of the Works Zone on Conferta Avenue (Application RDA-22-01335), from 30/3/2024-30/4/2024. The Tallawong CPTMP, Section 4.5 states traffic controllers are required to "stop pedestrian movements briefly across Conferta Avenue between Aristada Street and Tallawong Road while heavy vehicles are exiting the site along Conferta Avenue". During the inspection traffic controllers were directing pedestrians across Conferta Avenue, though it is noted pedestrians were not generally using Conferta Ave but walking from the Metro car park to Themeda Avenue. Table 4.1 of the CPTMP states: "It is proposed to close the section of Conferta Avenue across the frontage of the site to reduce conflicts between construction vehicles and pedestrians. Pedestrians will also be protected by temporary construction fencing and barriers as required". While traffic control was in place during IA7, there were no barriers or fencing in place for the safety of pedestrians. Deicorp advised pedestrians avoid the area and generally walk from the commuter car park through to	Compliant

			Tallawong Station along the outside of the western boundary of the site, which is not affected by construction activities.		
ROAD OCCU	PANCY LICENCE		F	1	
D29	A Road Occupancy Licence must be obtained from the relevant transport authority for any works that impact on traffic flows during construction activities.	 Interview with Auditees 	At the time of site inspection traffic management was in place with both lanes open on Conferta Avenue. No ROLs are known to have been required during the audit period.	Not triggered	
NO OBSTRU	CTION OF PUBLIC WAY				
D30	The public way must not be obstructed by any materials, vehicles, refuse skips or the like, under any circumstances. Non-compliance with this requirement will result in the issue of a notice by the Planning Secretary to stop all work on site.	 Site Inspection, 19/4/2024 Construction Pedestrian Traffic Management Plan (CPTMP), Site 2, Barker Ryan Stewart, 28/5/2022 	The public way was clear with no obstructions observed during the site inspection.	Compliant	
CONTACT TELEPHONE NUMBER					
D31	The Applicant shall ensure that the 24-hour contact telephone number is continually attended by a person with authority over the works for the duration of the development.	 Site Inspection, 19/4/2024 Interview with Auditees 	24-hour contact number is on Site Notice. See D2.	Compliant	

Covering of	Loads			
D32	All vehicles involved in the excavation and / or demolition process and departing from the property with materials, spoil or loose matter must have their loads fully covered before entering the public roadway.	 Site Inspection, 19/4/2024 Interview with Auditees 	Requirement to cover loads is documented in the CEMP. There was no spoil load-out at the time of the audit.	Compliant
ehicle Clea	nsing	1		1
D33	Prior to the commencement of work, suitable measures are to be implemented to ensure that sediment and other materials are not tracked onto the roadway by vehicles leaving the Site. It is an offence to allow, permit or cause materials to pollute or be placed in a position from which they may pollute waters.	 AT&L (Structural Engineers) Letter RE: 1-15 AND 2-12 CONFERTA AVENUE, ROUSE HILL – SSD 10425 STAGE 2 –CIVIL DESIGN CERTIFICATE D34bc, dated 30/10/2023 Site Inspection, 19/4/2024 Interview with Auditees 	AT&L from (Structural Engineers), dated 30/10/2023 notes that: <i>"Blacktown City Council Stormwater</i> <i>Approval for Condition B33 dated 21st</i> <i>June 2023 the WSUD Treatment Train</i> <i>has been amended to suit the DA</i> <i>Approval".</i> A rumble grid was in place at the heavy vehicle Site 2 access on Conferta Avenue. A street sweeper is available for use as required (Earthworx) and was in use at the time of the audit and roadways were clean. A street sweeper was observed running along Conferta Ave at the time of the inspection. A wheel wash was available at the site egress rumble grid where required.	Compliant
TORMWAT	ER REQUIREMENTS	1		
D34	The Applicant shall ensure that the following specifications are met and are not reduced in size or replaced with an alternate manufacturer's product: (a) the twenty-five 690 Storm filter cartridges for the Storm filter chamber supplied by Ocean Protect (b) the Jellyfish filters three numbers of JF 2250-7-2 and one JF 3250- 16-3 supplied by Ocean Protect (c) the Gross Pollutant Traps- two numbers HumeGard HG15 and three numbers of HumeGard HG12A supplied by Humes.	 AT&L (Structural Engineers) Letter RE: 1-15 AND 2-12 CONFERTA AVENUE, ROUSE HILL – SSD 10425 STAGE 2 –CIVIL DESIGN CERTIFICATE D34bc, dated 30/10/2023 Robert Bird Group Letter to Deicorp RE: SSD 	AT&L from (Structural Engineers), dated 30/10/2023 certifies that "the Civil Engineering Plans prepared by AT&L generally meet the objectives and requirements of BCC DCP 2015. The specific Standards and Conditions met include but are not limited to: D34b & D34c." Letter from Robert Bird Group (RBG) addresses Conditions C25, D34 & D36 and confirms compliance.	Compliant

		Compliance Certificate 002, dated 14/7/2021 • D34 - Civil Construction Certification – OSD & WSUD Site 2D, dated 15/8/24	RBG note that Condition D34 (b) is not related to Stage 1 and that Condition D34 (c) is only part related to Stage1. To clarify, a single Humegard HG15 Gross Pollutant Trap is to be provided on the Stage 1 site in accordance with the SSDA submitted design. An example of CC issued for Site 2D was sighted and certifies onsite stormwater detention pursuant to the Building Code of Australia. NB: This audit scope does not extend to a full verification of compliance with Condition D34 for all buildings and stages of the development, which is the responsibility of the issuer of each Construction Certificate.	
D35	A plumber licensed with NSW Fair Trading is to undertake flow testing of the non-potable water reuse system to certify that all the toilets are capable of being supplied by rainwater and that there is no cross mixing or cross contamination with the potable water supply.	 Interview with Auditees D35 - H403 DETAIL SHEET 4.pdf D35 - H504 RAINWATER REUSE SCHEMATIC.pdf D35 - Goldfish & Bay Hydraulic Engineering Design Certificate, dated 3/12/2022 	Recycled water is in use for the retail spaces in Site 1. Deicorp advised there is no requirement for recycled water use in the residential portions of the development. Hydraulic Engineering Design Certificate, dated 3/12/2022 sighted as evidence of compliance with Condition D35.	Compliant
D36	 Provide certification prior to the placement the bioretention filter media ex-bin has: (a) a minimum hydraulic conductivity as defined by ASTM F1815-11 of 250 mm/hr (actual, not predicted) (b) a maximum hydraulic conductivity as defined by ASTM F1815-11 of 700 mm/hr (actual, not predicted) (c) a pH between 5.5 and 7 (d) an Orthophosphate content < 20 mg/kg 	 Robert Bird Group Letter to Deicorp RE: SSD Compliance Certificate 002, dated 14/7/2021 D36 - 21262C-RBG-ZZ- XX-CT-CV-00003 27072022 (Rev 1).pdf 	Letter from Robert Bird Group (RBG) addresses Conditions C25, D34 & D36 and confirms compliance. NB: No additional evidence was presented as part of the audit to support compliance with Condition D36. The Auditor is relying on the	Compliant

	(e) a Total Nitrogen content between 800 and 1000 mg/kg (f) is not hydrophobic.	D36 Compliance Certificate - Ocean Protect	verification of compliance by the Certifier in this instance. Ocean Protect issued a D36 Compliance Certificate for the StormFilters SFD 1 and SFD 2, for Stage 1 of the project.	
SYDNEY ME	TRO CORRIDOR PROTECTION	1	1	
D37	Unless advised by Sydney Metro in writing, all excavation, shoring and piling works within 25m of the rail corridor are to be supervised by a geotechnical engineer experienced with such excavation projects and who holds current professional indemnity insurance.	Interview with AuditeesSite Survey Plans	Deicorp advised works are not within 25m of the rail corridor, reference provided to Site Survey Plans (25.5m to site boundary).	Not triggered
D38	 The Applicant must ensure that at all times they have a representative (which has been notified to Sydney Metro in writing), who: (a) oversees the carrying out of the Applicant's obligations under the conditions of this consent and in accordance with correspondence issued by Sydney Metro (b) acts as the authorised representative of the Applicant (c) is available (or has a delegate notified in writing to Sydney Metro that is available) on a 7 day a week basis to liaise with the representative of Sydney Metro as notified to the Applicant. 	 Interview with Auditees Deicorp letter to Sydney Metro, 1/7/2021 	The authorised representative of the Applicant is Grant Madsen of Deicorp, as notified in letter, dated 1/7/2021. Letter references parts (a), (b), & (c) of Condition D38.	Compliant
D39	Without in any way limiting the operation of any other condition of this consent, the Applicant must, during demolition, excavation and construction works, consult in good faith with Sydney Metro in relation to the carrying out of the development works and must respond or provide documentation as soon as practicable to any queries raised by Sydney Metro in relation to the works.	 Interview with Auditees Tallawong Village CCC Meeting Minutes, 27/11/2023 	As per sighted communication provided throughout the audit. No direct queries. Sydney Metro are invited to attend CCC meetings, as documented in meeting minutes. Sydney Metro, Riverstone Community Group, Chairperson. Community facilities provided by Deicorp in the display centre.	Compliant
D40	Where a condition of consent requires consultation with Sydney Metro, the Applicant shall forward all requests and/or documentation to the relevant Sydney Metro interface team.	• N/A	As per relevant consultation conditions	Compliant
D41	The Applicant must ensure that all existing and future drainage works on the development site will be directed into the appropriate local council or approved drainage system.	• Letter from Robert Bird Group to Deicorp, dated 30/6/2021	Letter confirms compliance with SSD 10425 Conditions D41 & D42. "RBG confirm that the proposed drainage	Compliant

ev	f required by Sydney Metro, the Applicant must give Sydney Metro written notice at least 5 business days before any of the following events occur within 25 metres of the rail corridor a) site investigations	Interview with	Deicorp advised no work has occurred	
D42 to sh	The Applicant must ensure that during works no water collects on or near the railway corridor. Should water be allowed to pond adjacent to rail infrastructure facilities and service is interrupted, the Applicant shall be liable for any Sydney Metro expenditure involved with restoring or maintaining alternative services.	• Letter from Robert Bird Group to Deicorp, dated 30/6/2021	As per D41	Compliant
		• Email from Blacktown City Council (Drainage Development Assessment Team Leader), dated 20/12/2021	solution for the development ensures that all site drainage is connected to the existing stormwater network in Conferta Avenue, it also ensures that site levels are not altered in any way that would affect the surface flows of water at the rail corridor. Temporary measures on site to ensure that the above conditions are also met during construction works will be the responsibility of the principal contractor". Email from Council, dated 20/12/2021 refers to Condition B33 (stormwater management system), and states the plans provided "satisfy Council requirements for this stage of the project" (Site 1). Stormwater installation was ongoing on Site 2 at the time of IA7. Confirms no overland flow onto Sydney Metro land.	

	 (f) surveying of foundation, pile and anchor excavation and surveying of as built excavations (g) other concreting; or (h) any other event that Sydney Metro has notified to the Applicant in writing so that Sydney Metro may inspect the carrying out or completion of those works on the development site. 			
D44	If required by Sydney Metro, prior to the commencement of works or at any time during the excavation and construction period deemed necessary by Sydney Metro, a joint inspection of the rail infrastructure and property in the vicinity of the development is to be carried out by representatives from Sydney Metro and the Applicant and a dilapidation survey prepared. The dilapidation survey(s) will establish the extent of any existing damage and enable any deterioration during construction to be observed and rectified at the Applicant's cost. The submission of a detailed dilapidation report by the Applicant for review and approval by Sydney Metro will be required within 10 days following the undertaking of any joint inspection, unless otherwise notified by Sydney Metro in writing.	 Interview with Auditees ACE Structural Dilapidation Report (Metro Assets), 191294.1, 5/7/2021 	Deicorp advised a joint inspection has not been requested by Metro.	Not triggered

Construction En	vironmental Management Plan (CEMP), Tallawong Station Precinct Sou	th – Site 2, 19 April 2024	1	
9.4 Air and Dust Management	Soil and other materials stored onsite will be covered to prevent dust	 Interview with Auditees CEMP, Site 1 Early Works CEMP, Site 2 Site inspection 17/10/2024 	There were no significant stockpiles located on Site 2 at the time of the audit. Auditees advised excavated spoil was loaded-out directly into spoil trucks and removed from site. EI Australia is responsible for waste classification as part of the implementation of the RAP. It is noted that there have been no complaints received in relation to	Compliant
	Exposed areas will be watered down to prevent dust, especially on windy days and in close proximity to dwellings and public areas		dust, with the closest residents now located on the northern side of Conferta Ave, residents of the newly constructed Deicorp towers.	
	A shaker pad will be located at exits to remove soil from vehicle tyres		A shaker pad was located at the Site 2 heavy vehicle access.	Compliant
	All control measures will be installed prior to commencing works in accordance with the Soil and Water Management Plan, refer to Appendix C	 Interview with Auditees CEMP / Soil and Water Management Plan Site inspection 17/10/2024 Weekly site inspection checklists Site 3 (Stage 2): 	pection Runoff from across the site, and from basement excavations was collected in an open OSD tank on Site 2. From there the water is pumped to a settling tank, with final discharge to	
10 Soil and Water	Silt fencing will be erected along batter slopes, stockpiles, and any disturbed surfaces that may drain into any adjacent water bodies and stormwater systems			Compliant
Management	Sandbags and other sediment controls shall be installed around stormwater inlets and outlets to prevent dirty discharge from works area entering stormwater systems.			
	Soil and waste stores will be located in designated areas to prevent run off into drains	July-October 2024	Cudgegong and Schofields Road.	

	Sediment barriers are required around the stockpiles Temporary diversion drains will be installed to divert clean run-off around the works area Weekly site inspections by the Supervisor with appropriate corrective actions taken immediately		Weekly site inspection checklists were completed by the Site Manager, and available on site for review. Checklists include provision for vibration monitoring, sediment controls, washbay, road cleanliness, dust and noise.	
	The construction site will be kept free of rubbish, waste material and debris Chemical waste will be removed from site and disposed of at licenced facilities	-	The site was mainly clean with no uncontained rubbish, waste material or debris observed. There was no chemical waste known	
	General waste will be stored in the designated bin/skip and removed by the waste contractor on a regular basis	Interview with Auditees CEMP (Construction	to have been generated during the project. Construction waste was confined to a designated area with skip bins and	
11 Waste & Material Reuse Management	Waste monitoring will be recorded on the daily and weekly Inspection report	 CEMP / Construction Waste Management Plan Site inspection 17/10/2024 Bingo Monthly Reports October May-Sept 2024 Weekly Load Data - Week Starting - 24.05.27 Weekly Load Data - Week Starting - 24.04.08 Waste Tracking Register – Earthworx, April-October 2024 	general office waste in the site compound on Site 2. Bingo provides a monthly report that records the volume of materials recycled and disposed to landfill (excluding spoil). 92.9% of waste has been recycled to date. Waste tracking records for asbestos and other contaminated material has been verified in Condition D27, and by the Contamination Consultant (El Australia) and EPA Auditor (Phreatic Consulting). The Earthworx Waste Tracking Register was provided as evidence and include data from April-October 2024. Waste removed from the site during this time was classified as VENM and	Compliant

Deviatoring Ma			ENM. The register includes the following details: Date, No. Loads, Truck type, Rego, Material Type (Classification), Net Weight, Haulage Co., and Tip Details. VENM and ENM was transported to a number of sites including Maroota Pit 6, Cornwallis, and Marsden Park. NB: Section 143 Certificates were not requested as part of this audit but have been verified previously for selected beneficial reuse sites.	
Dewatering Ma	nagement Plan (DMP) – Site 1 & 2	a later dan set	1	
4.2 Estimated Groundwater Volumes	 Site 2: Estimates of groundwater take are as follows: 0.35ML over 150 Days construction 0.86ML over 12 months operation 	 Interview with Auditees) Site inspection 17/10/2024 Dewatering Management Plan 	Noted	Not triggered
4.3 Dewatering Level	 Continuous monitoring of groundwater elevations (from date of consent until at least 2 months after pumping ceases) Monitoring of drawdown is required to validate the accuracy of the seepage model, and pumping rates should be adjusted as needed Estimated volume of groundwater take – validation of estimates in the Groundwater Take Assessment 	 Interview with Auditees Site inspection 17/10/2024 Dewatering Management Plan 2/5/2023 Groundwater level monitoring data E24445.E09.013_Rev1 Summary Letter of Groundwater Extraction - Site 1 & Site 2, dated 27/10/2023 Email from EIA to Deicorp RE: Tallawong 	 Groundwater elevation data (groundwater drawdown) has been presented and shows groundwater levels during construction for Site 1 and Site 2. El Australia had not identified groundwater drawdown as an issue at the time of the audit. El Australia has indicated after one year of pumping, an Annual Volume Assessment would be prepared for the validation of pumped groundwater volumes during Construction against estimations. This will provide assurance to DPE/NRAR that Water Access Licence Limits 	Compliant

9Site 3) Water Pump Out	during Construction have not been
Estimates, dated	triggered.
11/11/2024	 On 27/10/2023, El Australia
11/11/2024	provided a summary of groundwater
	extraction during basement
	construction at Site 1 and Site 2
	Tallawong Station Precinct South, Rouse Hill NSW. The letter states that
	"Based on the above information
	provided by the client, the
	accumulated volume of extracted
	groundwater during the period of
	November 2022 to October 2023
	(approximately 12 months) was
	2.88ML for Site 1 and 1.3ML for Site 2.
	The volumes were all below 3ML
	therefore Water Access Licence (WAL)
	is not required".
	*It is noted by the Auditor that the
	above volumes are total volumes and
	do not represent groundwater
	exclusively. Therefore actual
	groundwater take volumes would be
	significantly less than reported.
	Further analysis of groundwater
	extraction was not conducted for the
	IA6 audit period as there had been no
	significant change in basement
	excavations or interaction with the
	groundwater table.
	On 11/11/2024 EIA provided an
	estimated of the total water take
	across basement 2A & 2D at
	480m ³ /year. The volume of water take
	for basement 2BCE was estimated as
	60m ³ /year (based on the information

			provided by Deicorp). A total of 540m ³ /year is equivalent to 0.54ML, and suggests groundwater take volumes are well below those that would trigger the requirement for a WAL.	
4.4 Dewatering Method	 Site 2 dewatering strategy A dewatering strategy must be agreed to confirm dewatering treatment systems and water retention tanks can be positioned appropriately within approved areas of the site, prior to the commencement of excavation works 	 Interview with Auditees Site inspection 17/10/2024 Dewatering Management Plan Rev02, 2/5/2023 El Australia Site Dewatering Strategy Water discharge records / Pump and approval register, Site 1 & 2, dated 26/10/2023 	A Site Dewatering Strategy has been prepared by EI Australia and was being implemented Site 2 during IA7. Dewatering was being conducted in accordance with the Dewatering Management Plan (DMP) including water quality monitoring and written approval to pump. NB: <i>It is noted that there was no</i> <i>dewatering undertake during the IA7</i> <i>audit period, and therefore no water</i> <i>quality testing results available for</i> <i>review</i> .	Compliant
5.4 Groundwater Treatment	 All extracted groundwater that exceeds the adopted criteria values will require treatment on-site using approved technologies prior to discharge. Engagement of a suitably qualified and experienced water treatment specialist is necessarily, to design and install any treatment measures that may be required, which should include (but not necessarily be limited to): A treatment tank with minimum capacity capable of containing the expected inflow for the basement (as described in Section 4.4) Groundwater filtration to reduce fine particulates Automated in-line chemical dosing systems for the addition of buffering solutions and coagulants for the management of water pH and other parameters, which may be required from time to time, as described in Section 6.5 Dewatering Contingencies Groundwater treatment to reduce concentrations of the metals (if required) to below the adopted criteria detailed in Table 5-1 Spare retention tank(s) to provide additional residence time and sedimentation, in the case that non-compliant water quality is 	 Interview with Auditees Site inspection 17/10/2024 Dewatering Management Plan Rev02, 2/5/2023 	Section 5.4 Groundwater treatment was removed from the Dewatering Management Plan Rev02 as it was deemed not relevant to the project.	Not triggered



	 identified during routine monitoring, triggering temporary redirection of discharge while adjustments to the water treatment system are being implemented, and A means of monitoring flow rate to enable the accurate determination of total discharge volume (addressed in more detail in Section 5.3.4). The water treatment system should be installed, tested and operational prior to the commencement of dewatering, to ensure that only treated water that meets the adopted quality criteria is discharged to stormwater. 			
Air Quality Man	agement Plan (AQMP)			
AQ2	Ensure all vehicles leaving the site pass a rumble-grid and pit prior to exiting, with physical removal of dirt / mud using a pressure washer if required	 Interview with Auditees Site inspection 17/10/2024 	There were no vehicles entering or leaving the site due to the nature of the works at the time of inspection, though shaker grids were in place at both heavy vehicle access points to Site 2 as required.	Not triggered
AQ3	The roads surrounding the site shall be regularly swept to ensure pavements are kept free of dust	• Site inspection 17/10/2024	A street sweeper was engaged as required. There was minimal evidence of tracking onto public roads.	Compliant
AQ10	Use solid 2.4m or 3m high hoardings at the site perimeter, and wind barriers at internal excavation boundaries where possible	 Interview with Auditees Site inspection 17/10/2024 	2.7m hoardings were in place around the site.	Compliant
AQ16	Apply covers, odour sealant or odour suppressant to control odours generated at the point of excavation or at stockpiles, where required	 Interview with Auditees Site inspection 17/10/2024 	Odour had not been identified as an issue at the site to date.	Compliant
Section 5.0 Air Quality Monitoring Strategy	Implement dust monitoring requirements (PM10, VOCs & SVOCs & Odour) where required	 Interview with Auditees Site inspection 17/10/2024 	The AQMP states "continuous monitoring of dust is not recommended for the Project". "However, in case of multiple substantiated dust complaints, or persistent visible observed dust leaving site, monitoring may be required".	Compliant

			There were no complaints known to be issued in relation to dust.	
Construction No	bise and Vibration Management Plan (CNVMP)		be issued in relation to dust.	
5.5 Recommendat ions	Rock breaking or rock hammering should be limited to the times identified in condition D7	 Interview with Auditees Site inspection 17/10/2024 CNVMP 	The Deicorp Construction Manager indicated he was aware of the respite periods and requirements in D7 around the timing of noise intensive works. No complaints are known to have been made in relation to noise for the project to date. The nearest receivers to the excavation works are now occupants of the newly constricted Deicorp apartments to the north of Conferta Avenue.	Compliant
5.6 Vibration monitoring	Vibration monitoring is recommended when rock hammering is required to be undertaken (generally limited to the excavation stage of the project) at the following locations: •Eastern boundary of the site – representative of the switching station •Southern boundary of the site – representative of worst affected residents In the event that ongoing construction activities are considerably below the relevant vibration levels, it is recommended that vibration monitoring requirement for the project be reviewed with the relevant stakeholders.	 Interview with Auditees Site inspection 17/10/2024 CNVMP Acoustic Logic Vibration Monitoring Reports (Site 2): Report 1, 9/11/22- 24/11/22 Report 2, 25/11/22- 8/12/22 Report 4, 14/1/23- 27/1/23 Report 5, 28/1/23- 3/3/23 Email from Acoustic Logic, dated 3/05/2022 	According to the CNVMP, the requirement for vibration monitoring is triggered during rock hammering. The five towers at Site 1 were occupied, and towers on Site 2 were still under construction. Vibration monitoring was previously recommended at the northern boundary of the site adjacent to the Tallawong Metro Station as well as the eastern boundary (switching station) but was no longer required upon completion of excavation. The CNVMP was updated in May 2022 for Site 2 and requires vibration monitoring during rock hammering. <u>Non-Compliance</u> : <i>There was no evidence of vibration monitoring conducted during the IA7 audit period, during which rock hammering</i>	Non-Compliant

			and other activities with the potential to exceed the Noise Management Level (NML) and Highly Affected NML (HANML) was undertaken during Site 2 basement excavation. <u>Recommendation</u> : Re-commence vibration monitoring during basement excavation as required by the CNVMP.	
			Previous monitoring reports concluded vibration levels were satisfactory and exceedances, where they occurred, were attributed to external sources, i.e. not related to the project works.	
5.6 Vibration monitoring	The ETM vibration monitors can be downloaded remotely to actively review all monitoring data recorded at the monitoring location, including any vibration events found to exceed levels nominated in Section 4.2 (of the CNVMP). In the event multiple events exceeding the nominated trigger levels are recorded, all data recorded by the monitor is to be reviewed and forwarded to a nominated representative of the building contractor. It is proposed that reports are provided at regular intervals, with any exceedance in the nominated vibration criteria documented.	 Interview with Auditees Acoustic Logic Vibration Monitoring Reports (Site 2): Report 1, 9/11/22- 24/11/22 Report 2, 25/11/22- 8/12/22 Report 4, 14/1/23- 27/1/23 Report 5, 28/1/23- 3/3/23 	Vibration monitoring was previously undertaken on Site 2 during basement excavation. Monitoring data was reviewed during previous audits, including review of exceedances, which including an explanation on the source of the exceedance. Vibration monitors were removed from site after IA4 due to excavation to final basement level almost complete. As per NC raised above, there was no evidence of vibration monitoring conducted during the IA7 audit period, during which rock hammering and other activities with the potential to exceed the Noise Management Level (NML) and Highly Affected NML (HANML) was undertaken during Site 2 basement excavation.	Compliant

5.5 Recommendat ions	 Complaints handling: An after hours contact number is displayed outside the building site, so that in the event that surrounding development believed that a noise breach is occurring, they may contact the site. In the event of a complaint, the procedures outlined in Section 8 are to be adopted. Additional methods of control of construction noise and additional noise control measures which may be adopted by the site are detailed in Section 6 and 7. In the event of strong community reaction to construction noise, or complaint from a specific receiver, attended noise measurements may be required to quantify the levels of construction noise at identified locations. The measured levels are to be compared to the relevant management levels, and where exceedances are identified a review of the reasonable and feasible measures in place to be undertaken to further mitigate noise impacts. 	 Interview with Auditees Site inspection 17/10/2024 	No noise complaints known to have been made in relation to the project.	Not triggered
5.6.5 Additional Recommendat ions	 Materials handling/vehicles: Vehicles not to idle outside of site prior to working hours Access routes to and from site should be planned to minimise noise impact on nearby residential receivers Trucks and bobcats to use non-tonal reversing beacon (subject to WHS requirements) to minimise potential disturbance to neighbours Avoid careless dropping of constriction materials into empty trucks Trucks, trailers and concrete trucks (if feasible) should turn off their engines during idling to reduce noise impacts. 	 Interview with Auditees Site inspection 17/10/2024 Earthworx Plant Pre- Start, excavator EX3611, 1/4/2023 	There have been no known exceedances of the noise trigger level at receiver locations as per the CNVMP. Mitigation measures are set out in Section 5.5 of the CNVMP. It is noted that noise monitoring is only recommended in the <i>"event of strong community reaction to construction noise, or complaint from a specific receiver"</i> . Refer to Condition D18 for more information. Plant Pre-Start checks include the verification of reversing travel alarms. The Site Manager indicated reversing quackers were a requirement for all plant and equipment where relevant.	Compliant

Independent Environmental Audit Report

Deicorp Construction Pty Ltd

Tallawong Station Precinct South (SSD 10425) Rouse Hill NSW

Attachment 2: Planning Secretary Appointment of Experts



Our ref: SSD-10425-PA-32

Andrew Coleman Construction & Development Executive DEICORP CONSTRUCTION PTY LTD Gadigal Country Level 3, 161 Redfern Street Redfern New South Wales 2016 02/10/2024

Sent via the Major Projects Portal only

Subject: Tallawong Station Precinct South Stage 2 - Independent Auditor Declaration No. 7

Dear Mr Coleman

I refer to your post-approval matter, SSD-10425-PA-32, requesting for the Planning Secretary's approval of suitably qualified, experienced, and independent person/s to conduct the seventh Independent Audit of the Tallawong Station Precinct South Stage 2, submitted as required by Schedule 2, Condition A24 of SSD-10425 as modified (**Consent**) to NSW Department of Planning, Housing and Infrastructure (**NSW Planning**) on 20 September 2024.

NSW Planning has reviewed the independent auditor nominations and based on the information you have provided is satisfied that the proposed person/s are suitably qualified, experienced, and independent.

In accordance with Schedule 2, Condition A24 of the Consent and the NSW Planning, *Independent Audit Post Approval Requirements* (2020) (**IAPAR**), as nominee of the Planning Secretary, I endorse the appointment of the following independent auditor from Morasey Environmental Pty Ltd:

• Ms Josephine Heltborg

Please ensure this correspondence is appended to the Independent Audit Report.

The Independent Audit must be prepared, undertaken, and finalised in accordance with the conditions of Consent and the IAPAR. Failure to meet these requirements will require revision and resubmission.

NSW Planning reserves the right to request an alternate auditor or audit team for future audits.

Should you wish to discuss the matter further, please contact Astrid Christensen, (Compliance Officer) on 9274 6170 or email <u>compliance@planning.nsw.gov.au</u>

Department of Planning, Housing and Infrastructure



Yours sincerely

Julia Pope Team Leader Compliance - Metro Compliance

As nominee of the Planning Secretary

Independent Environmental Audit Report

Deicorp Construction Pty Ltd

Tallawong Station Precinct South (SSD 10425) Rouse Hill NSW

Attachment 3: Independent Audit Declaration Form

MEDEI 2023100-07_IA7_Tallawong_Oct24_RevA

Independent Audit Report Declaration Form

Project Name	Tallawong Station Precinct South
Consent Number	SSD 10425
Description of Project	 Construction of a staged mixed-use development (Tallawong Station Precinct South) comprising: 17 buildings of between 2 and 8 storeys to a maximum height of 34.69m (RL 91.600) Maximum gross floor area (GFA) of 93,393m² 987 dwellings Retail, commercial and community uses of approximately 9,000m² GFA 5% affordable housing (50 dwellings) Basement for car paring and services Land and stratum subdivision Landscaping of the public and private domain Publicly accessible park New pubic and private roads and pedestrian connection
Project Address	1-15 and 2-12 Conferta Avenue, Rouse Hill, Lots 293 and 294/DP 1213279
Proponent	Deicorp Construction Pty Limited
Title of Audit	Independent Environmental Audit No. 7
Audit Date	17 th October 2024

I declare that I have undertaken the Independent Audit and prepared the contents of the attached Independent Audit Report and to the best of my knowledge:

I declare that

- (i) the audit has been undertaken in accordance with relevant condition(s) of consent and the Independent Audit Compliance Requirements (Department 2019);
- (ii) the findings of the audit are reported truthfully, accurately and completely;
- (iii) I have exercised due diligence and professional judgement in conducting the audit;
- (iv) I have acted professionally, objectively and in an unbiased manner;
- I am not related to any proponent, owner or operator of the Project neither as an employer, business partner, employee, or by sharing a common employer, having a contractual arrangement outside the audit, or by relationship as spouse, partner, sibling, parent, or child;
- I do not have any pecuniary interest in the audited Project, including where there is a reasonable likelihood or expectation of financial gain or loss to me or spouse, partner, sibling, parent, or child;
- (vii) neither I nor my employer have provided consultancy services for the audited Project that were subject to this audit except as otherwise declared to the Department prior to the audit; and
- (viii) I have not accepted, nor intend to accept any inducement, commission, gift or any other benefit (apart from payment for auditing services) from any proponent, owner or operator of the Project, their employees or any interested party. I have not knowingly allowed, nor intend to allow my colleagues to do so

Notes:

a) Under section 10.6 of the *Environmental Planning and Assessment Act 1979* a person must not include false or misleading information (or provide information for inclusion in) in a report of monitoring data or an audit report produced to the Minister in connection with an audit. If the person knows that the information is false or misleading in a material respect. The proponent of an approved Project must not fail to include information in (or provide information for inclusion in) a report of monitoring data or an audit report produced to the Minister in connection with an audit if the person Project must not fail to include information in (or provide information for inclusion in) a report of monitoring data or an audit report produced to the Minister in connection with an audit if the person

knows that the information is materially relevant to the monitoring or audit. The maximum penalty is, in the case of corporation, \$1 million and for an individual, \$250,000; and

b) The Crimes Act 1900 contains other offences relating to the false and misleading information; section 307Bv (giving false or misleading information – maximum penalty 2 years imprisonment or 200 penalty units, or both).

Name of Auditor

Josephine Heltborg

Signature

J. Helling

Qualification

BSc, M Environmental Management

Company:

Morasey Environment Pty Ltd

Independent Environmental Audit Report

Deicorp Construction Pty Ltd

Tallawong Station Precinct South (SSD 10425) Rouse Hill NSW

Attachment 4: Consultation Records

MEDEI 2023100-07_IA7_Tallawong_Oct24_RevA

Jo Heltborg

From:	@planning.nsw.gov.au>
Sent:	Tuesday, 1 October 2024 12:03 PM
То:	Jo Heltborg
Subject:	RE: Independent Audit 7 - SSD 10425 Tallawong Station Precinct South

Hi Jo,

Thank you for your email. Sorry for the delay in getting back to you, I have been on leave.

I do not have any additional input into the audit scope beyond what is required under the Consent and the 2020 IAPAR.

Please do not hesitate to contact me using the details below.

Kind regards,

Compliance Officer Compliance - Metro Department of Planning, Housing and Infrastructure

P (02) 9274 6170 | E @planning.nsw.gov.au | 4PSQ, 12 Darcy Street, Parramatta, NSW, 2150 www.dphi.nsw.gov.au



The Department of Planning, Housing and Infrastructure acknowledges that it stands on Aboriginal land. We acknowledge the traditional custodians of the land and we show our respect for elders past, present and emerging through thoughtful and collaborative approaches to our work, seeking to demonstrate our ongoing commitment to providing places in which Aboriginal people are included socially, culturally and economically.

From: Jo Heltborg <jo@morasey.com.au> Sent: Tuesday, September 24, 2024 3:54 PM To: DPE PSVC Compliance Mailbox <<u>compliance@planning.nsw.gov.au</u>> Cc: @deicorp.com.au> Subject: Independent Audit 7 - SSD 10425 Tallawong Station Precinct South

Dear DPHI,

As the independent auditor engaged by Deicorp Construction Pty Ltd for the Tallawong Station Precinct South project, located at 1-15 and 2-12 Conferta Avenue, Rouse Hill NSW (SSD 10425), I am consulting with the Department in accordance with Section 3.2 of the DPHI Independent Audit Post Approval Requirements, 2020 (IAPARs).

The proposed scope of the audit is as follows and has been prepared in consideration of Section 3.3 of the IAPARs:

- Assessment of compliance with Parts A & D of SSD 10425 (that may be relevant at the time of the audit)
- An assessment of compliance with post approval documents prepared to satisfy the conditions of consent, including an assessment of the implementation of Environmental Management Plans and Sub-plans;
- An assessment of the environmental performance of the development, including:
 - Actual impacts compared to predicted impacts in the environmental impact assessment (EIA);
 - The physical extent of the development in comparison with the approved boundary, and any potential offsite impacts;
 - Incidents, non-compliances and complaints that occurred or were made during the audit period;
 - The performance of the development having regard to agency policy and any particular environmental issues identified through consultation carried out when developing the scope of the audit;
 - Feedback received from the Department, and other agencies and stakeholders on the environmental performance of the project during the audit period;
- A high-level assessment of whether Environmental Management Plans and Sub-plans are adequate.
- Any other matters considered relevant by the auditor or the Department taking into account relevant regulatory requirements and legislation and knowledge of the development's past performance.

The site inspection for the 7th audit (IA7) is scheduled on 17th October 2024.

If you would like any additional considerations taken into account during the audit (including other agency consultation), or require any additional information please get in touch prior to the site inspection.

Kind regards,

Josephine Heltborg

Principal Environmental Auditor Morasey Environment Pty Ltd M: E: jo@morasey.com.au W: www.morasey.com.au